

Lancaster Farming

VOL. 14 NO. 51

Lancaster Farming, Saturday, November 15, 1969

\$2.00 Per Year



RESERVE GRAND CHAMPION and friends at the Junior Livestock Show in Harrisburg Monday are: 12-year-old Steven Gehman, owner, at the halter with

sister Patti; parents, Mr. & Mrs. Roland Gehman, Stevens R1, and County Agent, M. M. Smith (left). L. F. Photo

Stoltzfus Is Outstanding Pa. Young Farmer

Andrew D. Stoltzfus, Elverson R2, was named Pennsylvania's Outstanding Young Farmer, Thursday night at the Pennsylvania Young Farmer's Convention at Penn State. A member of the Garden Spot Young Farmers' Association at New Holland High School, Stoltzfus was one of six regional winners who were considered for the state honor.

He farms 236 acres and specializes in Registered Holsteins. He has just built a new stanchion barn and uses record keeping systems to run his farm business. Andrew is an official Holstein judge; a director in the Interstate Milk Cooperative and was a delegate to the National Milk Producers Federation Convention and the National Holstein Convention in 1966, 1967 and 1969.

The Outstanding Farmer helped start a new young farmer program at Twin Valley High School and is a cooperator in the Berks County Soil and Water District.



Jay Landis

Jay Landis Is New Holstein President

Jay E. Landis, Lancaster R6, was elected President of the Lancaster County Holstein Association, Wednesday evening, in a director's reorganization meeting held after the Association's annual meeting at the Farm and Home Center. Landis was the former vice president.

Also elected were Clarence Stauffer, Ephrata R1, Vice President, H. Richard Hershey, Lititz R1, Secretary, and John M. Harnish, Treasurer.

During the annual business meeting, Harnish, Robert Book, Leola, and Clyde Martin, East Earl, were elected directors of the County's largest breed organization. Featured speaker of the evening was Alpheus L. Ruth, Berks County dairyman.

(Continued on Page 10)

Young Lamb Showmen Find Competition Good

The local youth showing lambs at the Livestock Exposition in Harrisburg this week, found the competition quite good and were able to manage only two third place wins as their top placings. Jay S. Zimmerman, Ephrata R1, got them both on a pen-of-three and a heavyweight lamb. He also had a fifth place in the lightweight single lambs and a seventh place in the heavyweight class.

Two youths took fourth places. Dennis Palm was fourth in heavyweight, and Marlin Bollinger, Denver R2, took a fourth in lightweight. Palm also took sixth in pen-of-three, a 10th in lightweight and 11th in heavyweight. Bollinger also was ninth in heavyweight and seventh in pen-of-three.

Other sheep winners included Thomas Bollinger, sixth in both lightweight and heavyweight competition, and eighth in pen-of-three. Frank Ruoss, Ephrata R2, won ninth in heavyweight, and Carl Musser, Mohnton R2, was ninth in pen-of-three and 10th in heavyweight.

Local Team Third At Exposition

A report at press time from County Agent M. M. Smith tells that the local Lancaster County Livestock Judging Team competing at Harrisburg this week came in third behind Virginia and Ohio. The team members were Barry Longenecker, Lititz R2; Marvin Nissley, Mt. Joy;

Local 4-H Group Tops At Exposition

Local youths — Marvin Nissley, Mount Joy R1, John Enck, Holtwood R1, Dennis Brubaker, Running Pump Road, Lancaster

Mike Ober, 532 Petersburg Rd Lancaster, and Steven Gehman, Stevens R1, got together with their Hereford steer projects Monday afternoon and gave Lancaster County the coveted win in the class for the best five steers from one county, to clinch

max an eventful day at the Junior Livestock Show in Harrisburg.

Starting the day with a black Angus named "Brownie," Karen High, Leola, took her first place summer yearling to the championship circle, only to be out-classed by a Chester County entry, as Judge Herman Purdy, University Park, gave the championship to David Wylie, Nottingham. Wylie later was to become the Grand Champion winner. Miss High had to be satisfied with the Reserve Breed Championship, but not for long.

In the Shorthorn Division, she brought back another first place summer yearling and this time went on to the breed championship. This steer was named "Weevil" Elene Bucks, Palmyra R2 in Lebanon County had the reserve champion Shorthorn.

When it came to Herefords, especially in the Summer Yearling Class, local 4-H'ers took (Continued on Page 5)

Steven Gehman Has Champion Expo Hereford

Little Steven Gehman, 12-year-old son of Mr. & Mrs. Roland Gehman, Stevens R1, without apparent emotion walked his reserve grand champion of the Junior 4-H Beef Show (see lead story) to the over-all championship of Hereford breed Tuesday. But that was as far as the local trim steer could go, as a pair of steers shown by Knie Overpeck and S. Ehman, Clinton, Indiana, took top exposition honors with an Angus as grand champion and a Charolais as reserve grand champion.

In the open Hereford Show a local entry by I. K. Mast and Larry Weaver, Morgantown, placed first in the summer yearling class and went on to be reserve champion Hereford in the open show. Mast and Weaver also had a second, third, and fourth, and fifth place in various other classes in the Tuesday Show. (See photo page 12).

Farmers Elected To Agway Unit

Farmer Directors were elected to the Agway Garden Spot Unit Policy Committee Monday night at the annual meeting held in the Farm and Home Center. They are: Roy H. Book, Ronks R1, Henry Kettering, Lititz R3, Noah Kreider, Jr., Manheim R3, re-elected, and John W. Sangrey, Conestoga R2, newly elected.

Book, whose farm is located in East Lampeter Twp., rents three farms totalling 150 acres. His main crops are corn, alfalfa, and barley. Book is a member of (Continued on Page 26)

Farm And Home Plans Benefit Antique Auction

The first Farm and Home Benefit Auction of Antiques and Art Items is planned for Saturday, December 6 at the Farm and Home Center, 1383 Arcadia Road, Lancaster, with Larry Skromme, member of the Board of the Farm and Home Foundation, heading the auction planning committee. Assisting him as auction manager is Mrs. Thomas Erb, III, Lititz R3, who is presently receiving advance listings from prospective contributors.

The Auction listings will include antiques and related art or handiwork items of any age, having artistic merit such as paintings, quilts, handmade rugs, cut glass, carvings, needlework and Lehn ware. Factory reproductions will not knowingly be accepted. Listings for authentic antiques, good art and hand created items are solicited to keep the quality of the sale at a high level.

Solicitation is directed toward all Lancaster County residents, in particular, to offer listings and consignments for this sale on the basis of contributing the entire proceeds to the Foundation or a reasonable percentage. Both type donations are tax deductible and a receipt will be issued to contributors on request.

The sale is being staged in close cooperation with the Farm Women Societies of Lancaster County with Mrs. Paul Witman, Mount Joy R2 liaison representative. Refreshments on the day of the sale will be available through societies 5 and 23.

(Continued on Page 6)

Farm Calendar

Monday, Nov. 17

7:30 p.m. — Chemgro Fertilizer Meeting, Farm and Home Center

Tuesday, Nov. 18

1:45 p.m. — Milk Referendum meeting, Hostetters Banquet Hall, Mt. Joy.

7:30 p.m. — Ephrata Young Farmers meet, Vo-Ag Room (Continued on Page 10)

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

November 13, 1969

CATTLE 3000 — Compared to last weeks close Slaughter Steers strong to 50 higher. Cows steady. Bulls steady to 25 higher. Feeder Steers fully steady. Supply included an estimated 20 percent Slaughter Steers. 15 percent Cows and Bulls with the balance mainly Feeder Steers.

SLAUGHTER STEERS—Few mixed Choice and Prime 1050 1200 lbs. 29 85 30 60. Choice 925 1300 lbs. 28 50 29 60. High Good and low Choice 27 75 29 10. Good 25 85 28 00. few Standard 24 00-26 00.

SLAUGHTER HEIFERS — Few Choice 750 980 lbs. 27 25-28 00.

COWS — Utility and high-dressing Cutter 17 85 19 50. Cutter 17 00-18 50. Canner and low-Cutter 14 75 17 00.

BULLS — Choice 28 25 29 50. Good 26 25 28 00. Utility and Commercial 25 25-28 85. few 29-25-29 60. Cutter and low Utility 22 50 25 25.

FEEDER STEERS — Couple loads Choice 750 lbs. 31 00. Choice 950 1100 lbs. 27 75 28 50. (Continued on Page 3)

REGULAR LIVESTOCK AUCTION EVERY FRIDAY

Stockers & Feeders
All Weights
All Breeds

Now beginning to Move
Good Doing
Shenandoah Valley
Va. Cattle

STAUNTON UNION STOCK YARDS, INC.

Staunton, Va.

Auction Only

November 12, 1969

CATTLE 626 — Compared to last Wednesday. Slaughter Steers strong to 50 higher. Cows steady. Bulls steady to 25 higher. Supply included 30 percent Cows and Bulls, with the balance mainly Slaughter Steers.

SLAUGHTER STEERS—Few mixed Choice and Prime 1050 1200 lbs. 29 85 30 60. Choice 925 1300 lbs. 28 50 29 60. High Good and low Choice 27 75 29 10. Good 25 85 28 00. few Standard 24 00-26 00.

SLAUGHTER HEIFERS — Few Choice 750-980 lbs. 27 25-28 00.

COWS—Utility and high dress-ing Cutter 17 85 19 35. Cutter 17 00 18 35. Canner and low Cutter 15 50 16 75.

BULLS — Choice 28 25 29 35. Good 26 25 28 00. Utility and Commercial 25 25 28 85. few 29-25 29 60. Cutter and low-Utility 22 50-25 25.

CALVES 163 — Vealers mostly steady.

VEALERS—Choice 48 00 50 00. few 50 50-51 50. Good 43 50 48 50. Standard 39 00 44 50. Utility 32-50 39 00. Cull 90-120 lbs. 27 00-32 00. 65 85 lbs. 24 00 29 00.

HOGS 219 — Barrows and Gilts steady to 25 higher.

BARROWS AND GILTS — US 1 215-220 lbs. 28 00-28 25. US 1-2 210 235 lbs. 27 60-27 75. US 2-3 195 245 lbs. 27 25 27 50. 250 275 lbs. 26 75-27 10.

SHEEP 80 — Woolled Lambs steady.

WOOLED LAMBS — Couple lots Choice 75-95 lbs. 29 25 29 75. Good 26 00 27 25. Utility 21 00-24 50.

Nolan Smith caught one pass for the Kansas City Chiefs in the entire 1967 season.

Vintage Auction

The sale at Vintage Sales Stables on Tuesday, November 11, 1969 included 26 bulls, 388 steers, 31 heifers, 329 cows, 662 calves, 224 hogs and 50 sheep. Since it was Veterans Day, no market report was made available on this sale.

The Saturday, November 8, sale included 872 head with the following prices received: 180-220 lb. 25 27 25. 200-220 lb. 27 10 28 10. 220-240 lb. 27 27 85. 250-275 lb. 26 25 27 25. Heavy sows 21-24 25.

Chicago Cattle

Weekly Review

CATTLE — Compared with last weeks close Slaughter Steers 25 50 higher with the full advance on average Choice and below Slaughter Heifers fully 50 higher. Cows 50-1 00 higher and Bulls 50 higher. Receipts 74 percent Slaughter steers, 23 percent Heifers with the balance mostly Cows. Overall finish of Slaughter Steers not much changed from last week with 13 percent Prime and 80 percent Choice compared with 12 percent Prime and 80 percent Choice last week and 10 percent Prime and 77 percent Choice a year ago. Average cost and weight of Slaughter Steers estimated at 28.55 and 1160 lbs. as compared with 28.64 and 1159 lbs. last week and 28.42 and 1143 lbs. a year ago. Heifer supply mostly High Good to Prime weighing 825-1050 lbs.

SLAUGHTER STEERS — Prime 1175-1450 lbs. Yield Grade 3 and 4 29 75 30 00, latter price lowest weekly top since August 1968. High Choice and Prime 1125 1350 lbs. 29 00 29 75. Choice 950-1300 lbs. Yield Grade 2 to 4 28 00-29 25. Mixed Good and Choice 27 50 28 00. Good 26 50-27 50.

SLAUGHTER HEIFERS — High Choice and Prime 900 1075 lbs. Yield Grade 3 and 4 27 75 28 00. Choice 825-1050 lbs. Yield Grade 2 to 4 27 00 27 75. Mixed good and Choice 26 25-27 00. Good 25 00-26 25.

Of course it pays to keep your home in repair. Just ask the plumber, the carpenter, the electrician.

**Try A
Classified —
It Pays**

New Holland Auction

November 13, 1969

CATTLE 873 — Compared to last Thursday. Slaughter Steers steady to 50 higher, with most advance on early sales. Cows 25 50 higher, instances 75 higher. Bulls fully steady. Feeder Steers steady.

SLAUGHTER STEERS — Choice 900 1200 lbs. 29 25 30 60. few 30 75 31 50. Choice 1200 1300 lbs. 28 35 30 60. High Good and low Choice 28 00 29 50. Good 27-00 28 50.

COWS—Utility and high dress-ing Cutter 18 00-19 85. several 20 00 20 60. Cutter 16 50 18 60. Canner and low-Cutter 15 00-17 00.

BULLS — Choice 28 50 30 00. three head 30 60 31 10. Good 26-

00 28 25. Utility and Commercial 25 25 27 25. couple 28 85-30 25. **FEEDER STEERS** — Mixed-Good and Choice 600-900 lbs. 27-50 28 50.

CALVES 466 — Vealers mostly steady.

VEALERS—Choice 47 00 50 00. few 50 50 52 00. Good 43 50 48 00. Standard 39 00 45 00. Utility 32-32 00 60 90 lbs. 24 00-29 00.

SHEEP 7 — No market test.

COWS

November 12, 1969

Receipts of 85 cows and 3 heifers sold stronger. Holstein 425 775. Other breeds 300-385; Heifers 335 460.

(Continued on Page 3)

FUTURES TRADING

(Closing bids as of Thursday, November 13, 1969)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
November				60.45
December	28.77	27.55		53.65
January '70				48.20
February	29.12	26.40		43.40
March			2.68	43.25
April	29.47	25.20	2.88	38.25
May			3.42	37.70
June	29.60	25.85		37.00
July		25.95		
August	29.82			
October	29.20			
December	28.95			

a-asked b-bid n-nominal

Trend: Cattle are lower, Hogs are lower, Potatoes are lower and Eggs are higher.

VINTAGE SALES STABLES, Inc.

PARADISE, PENNA.

BULLS, STEERS, BUTCHER COWS,
HOGS, LAMBS AND VEAL CALVES
SOLD ON COMMISSION

SALE EVERY TUESDAY 12 NOON

FAT HOGS AND FEEDER PIG SALE
EVERY SATURDAY AT 9:00 A.M.

For Marketing Information
Phone Area Code 717-442-4181

Box 100 Paradise, Pa.
10 mi East of Lancaster on Rt. 30
Kenneth E. Hershey, Sales Manager

SLAUGHTER HEIFERS — High Choice and Prime 900 1075 lbs. Yield Grade 3 and 4 27 75 28 00. Choice 825-1050 lbs. Yield Grade 2 to 4 27 00 27 75. Mixed good and Choice 26 25-27 00. Good 25 00-26 25.

Of course it pays to keep your home in repair. Just ask the plumber, the carpenter, the electrician.

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ANNOUNCING

FALL STOCKER & FEEDER SALE

Friday, November 21 at 7:00 P.M.

In New Sales Pavilion

Vintage Sales Stables, Inc.

— 10 miles east of Lancaster on Route 30 —

To consign cattle call (717) 768-8204

P. O. Box 100, Paradise, Pa. — Kenneth Hershey, Mgr.

AUCTIONS

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New Holland

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MONDAY 10 30 A.M. — FAT HOGS and SHOATS
2 30 P.M. — FAT STEERS, BULLS, COWS & VEAL

HORSE SALE — MONDAY at 10 00 A.M.

DAIRY SALE — WEDNESDAY at 12 30 P.M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12 30 P.M.

NEW HOLLAND SALES STABLES, INC.

New Holland, Penna.

Abram W. Dittenbach, Manager Phone (717) 354-2194

CLIP OUT AND SAVE

SPECIAL STOCKER & FEEDER SALE

LANCASTER UNION STOCK YARDS

— IN SALES PAVILION —

FRIDAY, NOVEMBER 21, 1969 AT 1:00 P.M.

VALUABLE DOOR PRIZES TO BE GIVEN AWAY AT EACH SALE

Sponsored by: The Lancaster Livestock Exchange and Union Stock Yard Co.

Weekly Poultry Report

Fogelsville

November 11, 1969

(Prices paid dock weights, cents per lb, except where noted)

HENS, heavy type 9-20 mostly 12-15; **PULLETS** 15-34 mostly 25-29; **ROASTERS** 9-30 mostly 20-30; **DUCKS** 15-31 mostly 20-30; **DRAKES** 7-41 mostly 37-41; **GEES** 33½-35; **TURKEYS**, HENS 29-37; **RABBIT** 27-46; **GUINEAS** 51-59; **PIGEONS** (per pair) 100-150
TOTAL COOPS SOLD: 955.

Delmarva

Ready-to-cook movement generally fair for current needs, however advance interests very slow in developing. Less-than-trucklot prices continue to decline within the ranges. Live supplies fully adequate. Undertone weak and unsettled.

Pool trucklot (Thursday arrival at terminal markets) US Grade A 28-30½ M 28c Plant Type Hens Tfew

Grade 27½-28½ M 27½c Special packs including 1½ 2, 3½ = sizes 31 32½c

Eastern Pennsylvania And New Jersey

Prices of light type hens held unchanged though trended higher. Demand good with offerings from producers lighter than past several weeks and generally barely adequate for full processing time. Trade advices indicate producers holding many older hens for further production in view of the increasing egg prices. Demand good for barely adequate to short supplies of heavy type hens. Live supplies of turkeys reported adequate for a good holiday interest. Weights though, indicated slightly heavier than desired in some quarters. Prices paid at farm: Light Type Hens 8-11½c mostly 11¼-11½c in Pennsylvania, mostly 10-10½c in New Jersey. Heavy Type Hens Tfew.

Lancaster (Continued from Page 2)

CALVES 500 — Vealers uneven, mainly steady to strong, spots 100 on Choice, with Cull steady to 100 lower.

VEALERS—Choice 47 00 50 00 few 50 50 52.00, Good 43 00 48 00, Standard 39 00 45 00; Utility 32-50-39 00; Cull 90-120 lbs. 27 00-32 00, 65 85 lbs. 24 00-29 00.

HOGS 900 — Barrows and Gilts 50-75 higher, Sows scarce.

CLOSING SALES BARROWS AND GILTS — US 1 215-220 lbs. 28.00-28.25, US 1-2 210-235 lbs. 27.60-27.75, US 2-3 195-275 lbs. 26 75-27.50.

SHEEP 300 — Woolled Lambs steady to 100 higher, Ewes steady.

WOOLED LAMBS — Choice 28.00-29 50, few lots 29 75-30 00, Good 25 00-28 00, Utility 21 00-25 00.

SLAUGHTER EWES—Utility and Good 4 50 9 00.

Courses Offered

All local folks are reminded of the Correspondence Courses being offered at Penn State throughout the year. These are designed to teach modern skills and practices in home making and agriculture by mail and have benefited hundreds of people in the past. Last year students were enrolled from all sixty-seven of Pennsylvania's counties and from forty-nine states. Additional information is available from our Extension Office or from The Pennsylvania State University.



FROM POLLUTED WELL WATER! LANCASTER COUNTY SHOWS BIG INCREASE IN HEPATITIS INFECTIONS.

A wave of viral hepatitis, an intestinal disease that can be fatal, is sweeping Lancaster County for the second consecutive year, according to state health officials.

The disease is spread primarily by pollution of private wells from raw sewage seeping from septic tanks and private drainage systems.

IF YOU USE WATER THAT COMES FROM A WELL, POND OR STREAM, YOU SHOULD USE ULTRA VIOLET

CALL 393-3908 FOR FREE WATER ANALYSIS

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ULTRADYNAMICS
ULTRA-VIOLET WATER PURIFIERS
"KILL GERMS DEAD!"

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PLUMBING AND HEATING INC.

"It's The Service After The Sale That Counts"

1284 Rohreistown Rd.

Lancaster

Lancaster Farming, Saturday, November 15, 1969 -3

Weekly New York Egg Mkt.

(From Monday, November 10th to Friday November 14th)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large	53		59½	59½	60½
Fcy Large	56		58	58	59
Fcy Mediums	53		55	56	57
Fcy Pullets	47		49	50	50
Fcy Peewees	33		35	35	35
BROWN					
Fcy Large	56		58	58	59
Fcy Mediums	52		54	55	56
Fcy Pullets	47		49	50	50
Fcy Peewees	33		35	35	35
Standards	52		54	54	55
Checks	40		41	41	41

Trend All sizes clearing extremely well

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Ornamental Horticulture Leads In Off-Farm Ag. Employment

The business of ornamental horticulture is the largest off-farm agricultural occupation in Pennsylvania, employing over 21,000 persons in some 1400 companies according to Richard F. Stinson of The Pennsylvania State University.

Dr. Stinson says the field of ornamental horticulture needs 800 new full-time employees each year, and 1200 part-time employees annually, for the next five years. The business includes floriculture, nursery production, landscape services, greenhouse production, and turfgrass establishment and maintenance.

Opportunities abound, he claims, for high school graduates to find employment in this vocation in the 68 communities where ornamental horticulture is taught. The average Pennsylvania school offering such courses is surrounded by 3 golf courses, 6 landscape nurseries and 6 landscape contrac-

tors, 7 greenhouses, 6 flower shops, and 4 garden centers.

The Commonwealth now ranks third among all states in the number of people engaged in ornamental horticulture, exceeded only by California and Florida. Dr. Stinson works full time with high schools and vocational technical schools to strengthen vocational training in horticulture. He serves under a joint appointment with the departments of horticulture and agricultural education.

Ornamental horticulture in "middle manpower" jobs requires at least one to two years of training beyond high school. Presently, only two Pennsylvania universities offer one and two year post-high school training in this field — Penn State and Temple. Stinson believes such training should be available in six statewide institutions to meet the industry's needs by 1975.

New Holland

(Continued from Page 2)

HORSES

November 10, 1969

Receipts of 217 horses sold stronger on better horses. Riding horses 80 335, Driving horses 105 300, Ponies 10 25, Killers 4-5.

HOGS

November 10, 1969

Receipts of 1098 Hogs sold 25 to 50 higher. Retail 27 25-29, Wholesale 26 75 27 25, Heavyweights 25 75 27 25, Sows 19 23.

CALVES

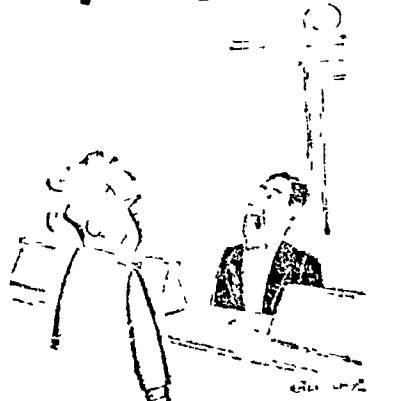
November 10, 1969

Receipts of 134 calves sold steady. Choice and Prime 45 50; Good and L Choice 40 50-44 50; Standard 34 50 40, Common 25-34.

First Plan

The Articles of Confederation were the first plan for a government of the United States, written shortly after the signing of the Declaration of Independence.

My Neighbors



"... Wish to close out your account?—How do you want it—heads or tails?"

CUSTOM SPRAYING

For Whitewashing

-- Spray the modern way --

Use **CARBOLA** Spray

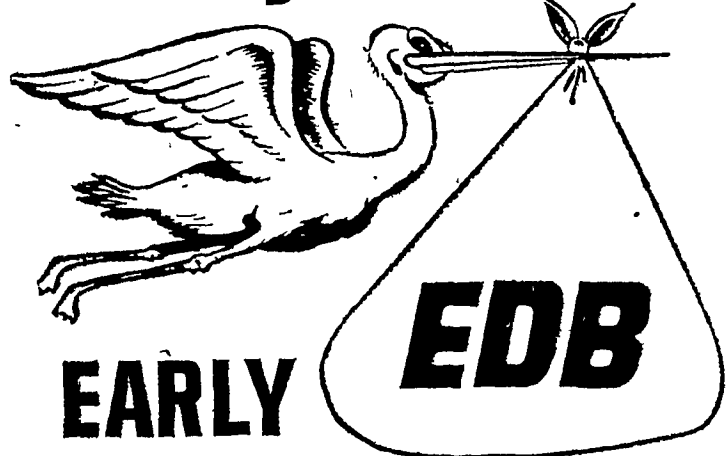
Carbola dries white, disinfects, kills flies, up to 90% less cobwebs. No wet floors.

MAYNARD L. BEITZEL

Witmer, Pa.

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Here's your Bonus!



EARLY DELIVERY BONUS

Be one of thousands of satisfied IH customers to pocket an Early Delivery Cash Bonus. Here's the plan:

- Buy and take delivery of a new International tractor, combine, or baler before the end of February.
- Your early trade will earn you a cash bonus at the rate of six percent per annum on the total value of your cash down payment and/or trade-in.
- You'll pay no finance charges until well into 1970.
- If you buy before the end of the year, you may be able to take advantage of investment tax credit and depreciation allowances.
- Come in now... to talk details and reserve your bonus.

Cope & Weaver Co. NEW PROVIDENCE 786-7351

Messick Farm Equip. ELIZABETHTOWN 367-1319

International Harvester
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INTERCOURSE
768-8231

Local 4-H Group Tops At Expo

(Continued from Page 1)

over winning six of the first eight places and sending 12 year-old Gehman's entry on to the breed championship and the County Club entry went on to the top

Gehman, showing his first steer named "Butch", was grand champion at the Ephrata Fair, before going to the top at the exposition

Other countians placing high in their classes by Breed included

Angus — Sharon Weaver, New Holland R1, second, Shuley L. Craig, Nottingham R2, fourth, and Gary Dean, Strasburg R1, fifth, junior yearling

Marvin L. Nissley, Mount Joy R1, third; Lancaster County 4-H Baby Beef Club, sixth, and Donnie Dowart, Quarryville R2, 10th summer yearling

Gregory C. Greider, Columbia R2, third; Sharon Weaver, fourth; Sheryl D. Weaver, New Holland R1, sixth, senior calf

Hereford — Ray A. Brubaker, 206 Rohrerstown Road, third; Sheryl Weaver, fourth and Roland Longenecker, Lititz R2, fifth, junior yearling

John M. Enck, Holtwood R1, third; Lancaster County 4-H Baby Beef Club, fifth, Dennis S. Brubaker, 345 Running Pump

Robert K. Rohrer

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Patz Sales & Service**

Barn Cleaners - Silo
Unloaders - Cattle Feeders

Quarryville, R. D. 1

Hensel 548-2559



THE JUDGE IS LOOKING. The boys are (left to right) Steven Gehman, Mike Ober, Dennis Brubaker,

Road, sixth; and Marvin Nissley, seventh, summer yearling.

David Enck, Holtwood R1, second; and Cheryl Brubaker, ninth, senior calf.

Shorthorn — Kenneth Longenecker, Lititz R2, second, junior yearling.

Linford D. Martin, East Earl R1, sixth, Elaine L. Herr, 840 Penn Grant Road, seventh, John D. Martin, Pequea R1, ninth, and Nancy Zimmerman, Ephrata R1, 10th, summer yearling

Nancy J. Herr, 840 Penn Grant Road, second, Donna Hess, Strasburg R1, third, Barry Longenecker, fifth, and Donna Hess, sixth, senior calf

John Enck, and Marvin Nissley Their helpers are Sheryl Weaver (left) and Donna Hess. L. F. Photo



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For Lancaster County

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G-5757 . . . G-4411

A. H. HOFFMAN SEEDS, INC.

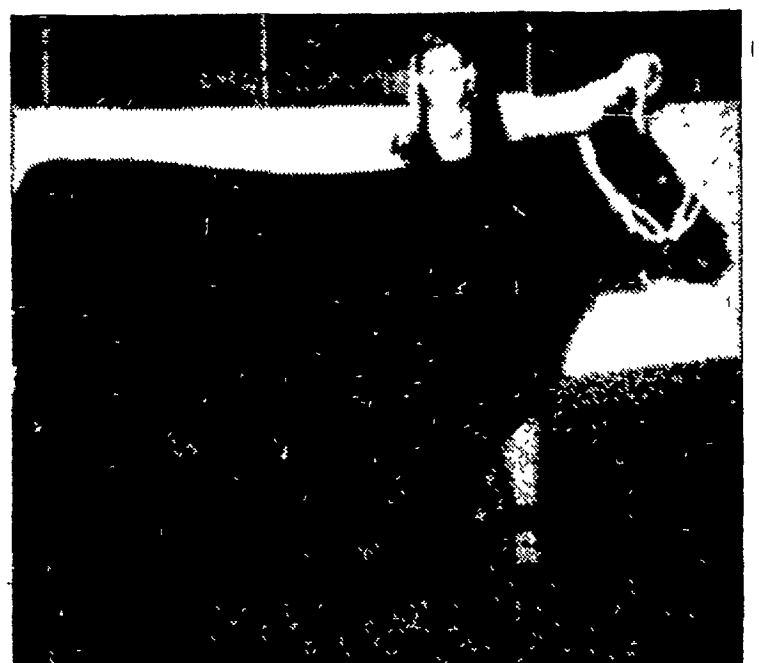
Landisville, Pa.

898-2261



KAREN HIGH had a good day at the Junior Livestock Exposition Monday, by winning the Shorthorn breed championship (above) and the Angus reserve breed championship (right)

L F Photo



U. of D. Gets USDA Poultry Research Grant

The Agricultural Experiment Station at the University of Delaware has been awarded a two-year, \$12,000 contract by the U.S. Department of Agriculture to study the control of Marek's disease in chickens

Dr. William C. Kiauss, associate professor of animal science at the University, will be in charge of the research project, according to Dr. William J. Benton, chairman of the de-

partment of animal science and agricultural biochemistry

Marek's disease is a highly contagious ailment that is responsible for condemnation losses to the poultry industry, estimated at \$200 million each year. The disease, caused by a virus, kills or cripples young growing broilers. Broilers with lesions cannot be used for human consumption even though the disease is not transmitted to man.

Certain drugs and hormones affecting the immune mechanism may alter the course of the

disease so that broilers will reach the processing age with less mortality and a lower rate of condemnation, Kiauss says.

His research will involve first of all, finding out the sequence of events in Marek's disease from the time the virus enters the chicken until it causes crippling or death. Once this is known, the effect of drugs and hormones on the cycle can be readily determined and the weak link in the chain recognized, Kiauss explains.

● Farm and Home

(Continued from Page 1)

Items to be sold will be received at the Farm and Home Center on Friday, December 5 from 9 a.m. to 6 p.m. at which time they will be reviewed and approved by an anonymous committee. If this has not already been done during the advance listing period.

A preview of items to be sold will be on display from 9 a.m. on December 6 until the sale begins at about noon. A firm starting time will be announced later by J. Donald Longenecker and Walter L. Bomberger, auctioneers who are donating their services.

A related project, now in preparation, will be the sale of note paper reproductions of a covered bridge in winter scene painted by Mrs. Hattie K. Brunner, the Grandma painter of Reinholds who has also donated a painting to the benefit auction. Only one Hattie Brunner original is known to have been sold previously at auction. Paintings by Mrs. Myrtle Tiemblay, New Holland; Constantine J. Keimes, Lancaster; and Kenneth Kristen, all local artists, have also consigned paintings for the sale.

Assisting Mr. Skomme and Mrs. Erb in the planning of the first Farm and Home Benefit Auction of Antiques and Art Items are Mrs. Max Smith, Lancaster promotion manager; Constantine Keimes, Lancaster, art listings and handicrafts; Carroll Hopf, Landis Valley Museum advisory; Mrs. Paul Witman, Mount Joy R2, farm women liaison; Mrs. Landis C. Myer, New Holland R1, mail promotion; Mrs. E. Robert Nolt, mailing; Mrs. Richard S. King, Mountville, publicity; and J. Donald Longenecker, and Walter L. Bomberger, Jr., Conestoga.

Soil Types Determine Fertilizer Need

Soil types and their potential yield levels are major factors in developing fertilizer recommendations for farmers at The Pennsylvania State University Soil Testing Laboratory, a Penn State Extension agronomist declared today.

Dr. W. Wayne Hinrich, speaking at the 61st annual meeting of the American Society of Agronomy, said the new soil testing program initiated in 1967 uses soil survey information to establish productivity levels. Approximately 300 soils have been mapped in Pennsylvania.

Soils have been categorized according to physical characteristics into five productivity groups, the agronomist explained. "The grower identifies the predominant soil in the field being tested and supplies the series name along with other field history information. Recommendations are then made using these data and the soil analysis."

Dr. Hinrich pointed out that an intensified educational program was started in 1967 instructing farmers, industry personnel and agency representatives how to interpret soil surveys according to the different soil types on individual farms. The results, he said, have been very successful.

Though only 65 percent of the state has been surveyed, more than 45,000 acres are now being planted according to the information furnished by soil surveys. The Penn State Extension Service, the U.S. Soil Conservation Service and the U.S. Forest Service have contributed to the success of the program.

Farmers No Exception To Adage, It Takes Money To Make Money

It takes a lot of capital to make a decent living as a farmer.

A recent study in Wisconsin by the USDA's Economic Research Service and the University of Wisconsin indicates a minimum total investment of \$40,000 is needed to give returns to labor and management exceeding the poverty level.

Types of farms studied were three sizes of dairy farms, combination dairy and hog farms, general livestock farms, beef farms, hog farms, and crop farms.

Typical Wisconsin State dairy farmers and their families who produced grade A milk in eastern Wisconsin earned about \$4,300 in 1967 with a total investment of \$90,000.

Grade B producers in western Wisconsin earned \$3,500 with an investment of \$50,000.

In 10 years — from 1957 to 1967 — the investments of these

dairy farmers rose over 70 percent, with land and buildings accounting for two thirds of the increase.

By 1967 operators of these typical grade A and grade B dairy farms were earning \$123 and \$111 per hour, respectively.

Among above-average Wisconsin dairy farmers, investments ranged from \$74,000 for a group with 26 cow herds to \$211,000 for a group with 76 cow herds. Operator and family labor income for these groups were \$4,400 and \$11,100 in 1968.

Above-average farms in the other six farm types showed an investment range from \$117,000 to \$190,000 with income ranging from \$7,900 to over \$13,000.

Operator and family labor income averaged 6 percent of total investment for all eight farm types. The percentage among seven farm types varied only from 5.5 percent to 7.0 percent.

Auction House, auctioneers Mrs. John J. Herr, Mount Joy and Vincent Nolt, Lancaster, are in charge of listing antiques.

Our word "nausea" comes from a French term, "mal de mer" meaning "sickness of the sea."

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economists, marketing specialists, nutritionists, animal husbandrymen, writers, — people of all talents. If you're a farm boy, thinking about a career with a future, now's the time to think about enrolling at the college of your choice. If you're a farm boy, looking toward graduation from college, now's the time to look into the opportunities awaiting you in agribusiness. A card or letter will bring more information.



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Pesticides In Prespective

By Delbert L. Bierlein,
Pesticides Coordinator

Agricultural Extension Service

With so much attention focused on the use of pesticides today, many views concerning their effects on the environment are arising. The Extension Service is not only interested in this public concern but is involved with the educational aspects of pesticide usage, as well as with learning how to properly control pests with minimum danger to desirable life forms. Commercial agriculture must be advised of chemical uses and the associated

risks involved so that production of food and other goods remains at high levels and safe for the consumer to use. With the present system one farmer is able to produce enough for more than 40 other people. The use of chemical pesticides and other agricultural chemicals has contributed to this tremendous achievement in production. Mistakes may have been made, yet we cannot afford to become alarmed to the point where pesticides should be banned. It is recognized that certain pesticide uses must be changed, because con-

tamination has occurred. Research efforts have to be directed toward materials and ways to protect the environment and at the same time assure adequate production of food, fiber, shelter, and protection of health.

Safeguards

The Cooperative Extension Service carries on a continuing program to inform the public — farmers, homeowners, gardeners, and commercial growers — concerning the safe effective use of pesticides. Likewise, recommendations on pesticide usage are based on the newest information from registrations, regulations, and research developed by competent scientists. These "built-in" safeguards help to assure the user that a particular chemical may be directed toward a pest species without adverse effects on himself or the environment. Each chemical undergoes several years of testing on many life forms and in a variety of habitats before it can be registered for use by the USDA and a tolerance established by the Food and Drug Administration. The Federal Fish and Wildlife Service also must evaluate the data presented and make a final judgement. A chemical that has any questionable effect on the test species is discarded.

Other Important Control Methods

Different approaches to pest control include many nonchemical methods. Parasites to help eliminate certain harmful pests (such as the alfalfa weevil, gypsy moth, and cabbage looper) are being reared and studied. Crop varieties resistant to pest attack are being developed. Life cycles of pests are studied to find the "weak link" in their growth cycle, at this point, control is usually relatively easy. Sterility,

attractant, repellent, and hormones are methods being tried and used on various insect species. Along with nonchemical methods is a system called integrated control where natural predators and parasites are encouraged to wage war on the pests, so only a minimum of chemical pesticides is required. This has been successful in some areas of commercial fruit production. The practice of continuous cropping has had advantages, but this has also increased pest problems, sometimes to the point of no solution. Crop rotation helps to control certain pest species by changing the habitat and food supply and thus maintaining the population at a level of minor economic importance.

The Use Of Chlorinated Hydrocarbons

The use of pesticides has always presented a paradox. By using them a certain degree of hazard is created, and yet without them, pests would severely damage crops causing food prices to increase. To immediately ban all chlorinated hydrocarbons would be unwise. There is a great degree of variation within this class of pesticides that is not clearly understood and must be considered. These factors include such items as mammalian toxicity, persistence in various media, and degradation and detoxification by environmental influences such as sunlight, plant enzymes, water, soil colloids, intricate chemical combinations and recombinations, organic matter, and microorganisms. Specifically the insecticide methoxychlor has a chemical structure similar to DDT, yet it is comparatively nontoxic to warm-blooded animals, being about 1% as toxic as common table salt. It also quickly decomposes into harmless components. Methoxychlor is an effective insecticide and can still serve to control pests without serious injury to desirable species. Other chlorinated hydrocarbons — fungicides and herbicides as well as insecticides — fit into this same category.

Improved chemical control may be achieved by adjusting spray recommendations. Chemicals with shorter residual life are replacing other materials in most instances, but here again costs will be sacrificed and application methods must be carefully watched. New spray techniques with applications in rates of only a few ounces per acre are available. The chemical is directed specifically to the pest but has little effect on non-target organisms. Systemic pesticides also provide excellent control of the pest without threat of spray drift or hazard to wildlife. Scientists are looking for materials and techniques that will enable a grower to select a short residual chemical and direct it at the pest species at the most vulnerable period of its life span.

At the same time users of pesticides will be required to observe the utmost in safety precautions — first to protect themselves and others from accidental pesticide poisoning, second to be certain that all registered uses are followed to keep chemical residues on crops at a minimum, and lastly to see that no undue environmental contamination occurs from their application methods. Further attention will be required for pesticide storage and disposal. Any threat to ground water supplies must be avoided before accidental contamination results. A moderate curtailment of certain chlorinated hydrocarbons is to be expected within the near future. At present, no chlorinated hydrocarbon pesticide (except methoxychlor) is recommended for any phase of meat or milk production. Replacements will ultimately be necessary for DDT,

BHC, Lindane, Aldrin, Dieldrin, Endrin, Heptachlor, and Toxaphene for use against certain pest species. With the replacements users must be objective and carefully weigh advantages and disadvantages in each instance. Many chemical uses can be maintained without fear of doing serious harm or injustice to wildlife and the environment.

Meeting Food Needs

When man learned how to conquer plant and animal pests without backbreaking labor, new opportunities came to develop agriculture, improving both quality and quantity of food and fiber. Successful pest control has helped to improve agricultural efficiency, freeing labor to help create other economic opportunities. The sustained economic growth of any nation depends on how well its people can obtain their food requirements. Of all human needs, food and shelter come first.

Let's look at a few figures. In the United States today there are over 200 million people that have to be fed three times a day with milk, meat, grain, fruits and vegetables. If this flow of food were cut off as little as two weeks, there would be panic in the market place. By the year 2000 AD U.S. population will be past the 250 million mark, and to feed, clothe, shelter and protect this population is still a tremendous challenge to modern agriculture. Upwards of 250 billion pounds of food a year will be needed by 2000. Without pest control this task would be formidable, if not impossible.

There are no known indications that present levels of pesticide usages in Pennsylvania (Continued on Page 10)

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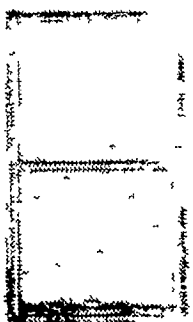
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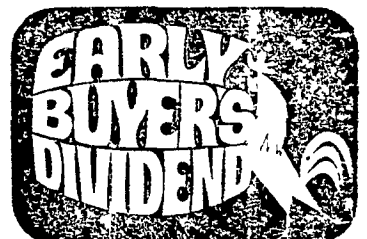


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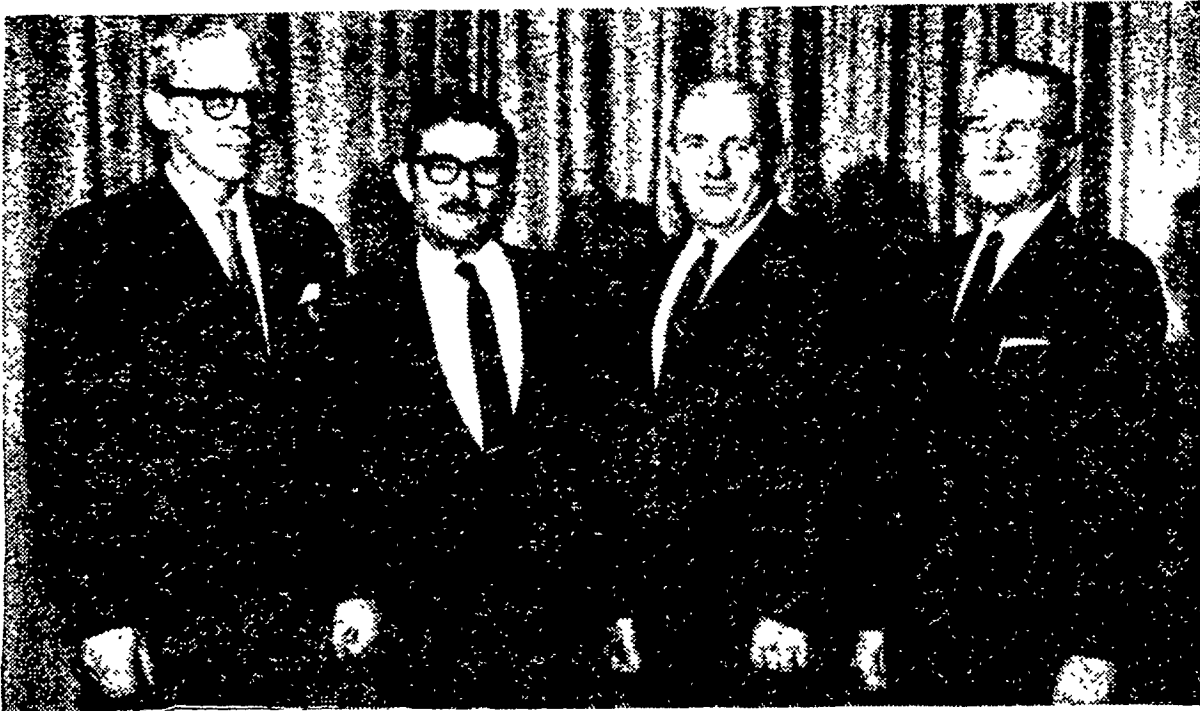
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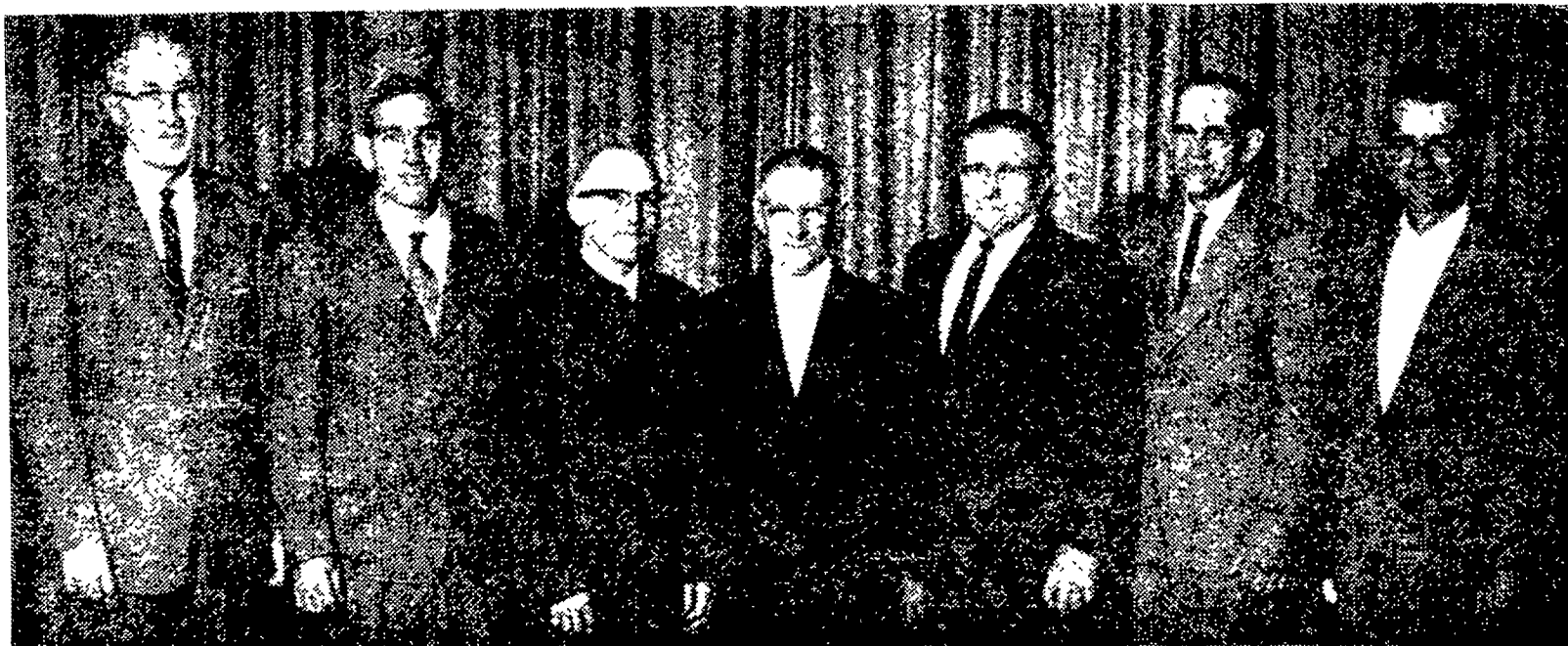
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Lloyd Sumpman
7 years (not pictured)



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(All Less Than Five Years) Walter Gerlach (not pictured)

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OUTSTANDING JUNIOR MEMBER of the Lancaster County Holstein Association is Earl Stauffer (left). Making presentation at the annual meeting Wednesday night is Nathan Stoltzfus, Youth Committee Chairman. L. F. Photo

● Jay Landis

(Continued from Page 1)

who asked "Why breed Registered Holsteins?" as the topic of his presentation. "Challenge is what puts the real stuff in a person," Ruth said. "And that is one reason for breeding registered cattle."

Comparing the registration paper of a dairy cow to a stock or bond certificate, the Berks County dairyman said, "It is the best on the market," and he gave illustrations where for the investment of the \$250 registering fee, a great return could be obtained. "We don't know what value the certificate may have when you go to sell an animal. Surplus animals are the real pay-off in the Registered Holstein business," he said. "Some people have grain or vegetable as a cash crop but we always like our cash crop to have four legs."

"I don't think it would be fair to tell a young person it does not pay to register Holsteins," Ruth concluded. "If you can only build one good herd in a lifetime it is worth it."

In other business Earl Stauffer, son of Mr. and Mrs. Clarence Stauffer was awarded the Lancaster County Holstein Breeder's Distinguished Junior Member plaque for outstanding youth activities. Earl will compete with other County finalists on the State level in the near future.

Amos Sauder, Manheim, thanked the members for presenting him with a Registered Calf at the Lampeter Fair earlier this fall and reported the calf doing well. The cow is from the herd of J. Eby Hershey, Gordonville R1, out of a cow with four records of over 20,000 pounds of milk and 800 pounds of butterfat.

Also on the program were Victor Plastow, Associate County Agent, David Slusser, State Holstein Fieldman, and the Willow Street Male Quartette.

PENNSYLVANIA BROILER PLACEMENTS UP 17%

Placements of broiler chicks in the Commonwealth during the week ending November 8 were 1,055,000. The placements were 17% above the same week a year earlier and 28% above the previous week. Average placements during the past 10 weeks were 15% above a year earlier. Settings for broiler chicks were 1,713,000 — 6% below the previous week but 7% above the comparable period a year earlier. The current 3 week total of eggs set is 14% above the same period a year ago. Inshipments of broiler-type chicks during the past 10 weeks averaged 2,000 and compares with 13,000 a year ago. Outshipments averaged 308,000 during the past 10 weeks 25% above a year earlier.

● Farm Calendar

(Continued from Page 1)

7:30 p.m. — Lancaster County Farm and Home Directors meet, Farm and Home Center.

8:00 p.m. — Milk Referendum meeting, Farm and Home Center.

Wednesday, Nov. 19

1:30 p.m. — Milk Referendum meeting, Liberty Fire Co. New Holland.

2:30 p.m. — Area FFA Leadership Conference, Eastern York High School, Wrightsville.

7:00 p.m. — Ag-Industry Banquet, Farm & Home Center.

8:00 p.m. — Milk Referendum meeting, Solanco High School.

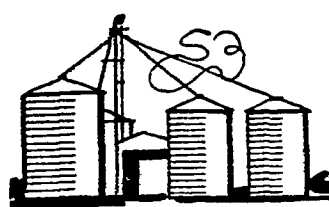
Thursday, Nov. 20

20 & 21 — Pennsylvania State Holstein Convention, Gettysburg.

Saturday, Nov. 22

2:00 p.m. — Grant Heilman Open House at Studio in Lititz.

Barely one-eighth of Iceland remains ice-covered year-round, says the National Geographic.



FARMILL CONSTRUCTION

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● Pesticides

(Continued from Page 7)

are harming wildlife. If one accepts the reports from the Pennsylvania Game Commission in 1968 the official game harvest was a record. Wildlife specialists point out that the harvest is not a direct reflection of populations. Length of season, sex, land use and management, restocking, number of hunters and others all influence harvest along with normal population fluctuations. Nevertheless, the game has to be in the woods before it can go in the game bag. A 1969 winter census of birds in Pittsburgh showed the number of species of song birds at 74 with numbers totaling over 17,000. It is recognized that certain species are declining, but if history is correct, these have been declining since man started keeping records in this country.

(Continued Next Week)

A killer whale caught recently had 14 seals and 13 porpoises in its stomach.

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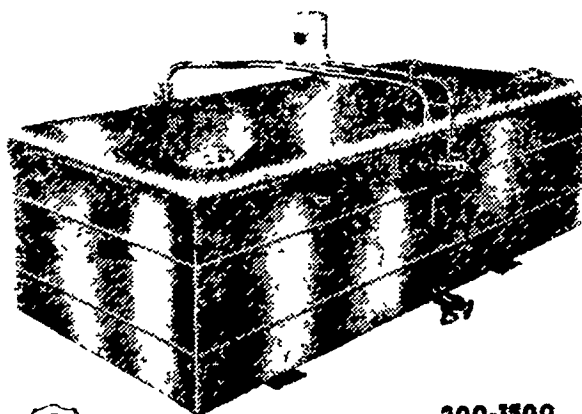
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World Meat Production Continues To Increase

At least one thing is growing King, head of the Animal Science Department at The Pennsylvania State University that's meat production meat production increased by According to Dr. Thomas B. 26 percent last year 0.7 percent

more than the world's increase in population during the same period of time. In the United States, however, overall meat production is down about 5 percent from previous years.

"Beef and veal topped the list of all meat produced in the world during 1968 with almost 70 billion pounds. Dr. King said. Pork production was second and mutton and lamb third. There are about 1 billion head of cattle and buffalo around the world," he added.

Uruguay ranks as the world's leader in meat consumption with a per capita average of 227 pounds, the Penn State department head pointed out. The United States ranks fifth with an average of 178 pounds consumed per person.

Muskrat Trapping Season Opens Nov. 22

The 1969 trapping season for mink and muskrat will open at 7 a.m. on Saturday, November 22, and continue through noon on Sunday, January 11.

Minks and muskrats, as well as other furbearers, are in fairly good supply this year.

Last year, prices paid for skins were considerably higher than they had been for many years but the current price outlook is still uncertain. Prices on most furs have not yet been stabilized.

During October there was little movement of last year's furs from shippers and merchants to brokers and manufacturers. The volume of unsold furs of all kinds is believed sufficient to satisfy immediate demand.

This may force the "opening" market prices for the new crop of furs somewhat lower than the closing prices of last winter and

Almost 80% of the vehicles involved in fatal accidents in 1967 were passenger cars.

spring. However, an improvement in the market is expected as the season progresses.

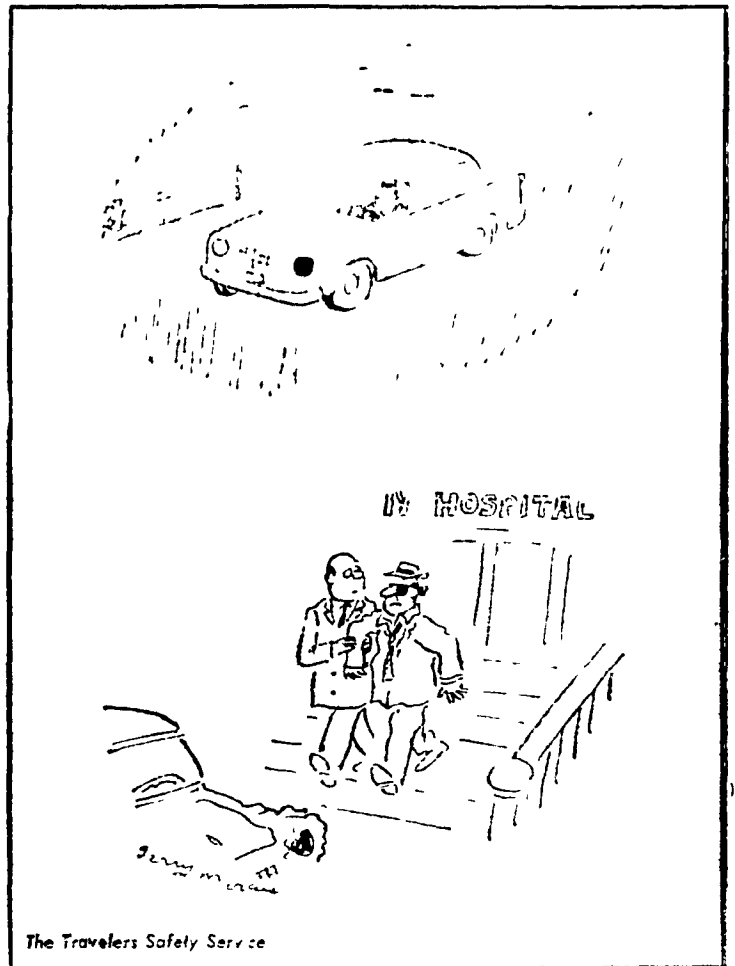
The Game Commission advises that trappers might gain by

pelting their hides during the early part of the season, holding them until the market has improved.

Beaver season in Pennsylvania will open February 7 and end on March 8, 1970. Trappers will also be permitted to take muskrats again at that time.

Attitudes & Platitudes

Jerry Marcus



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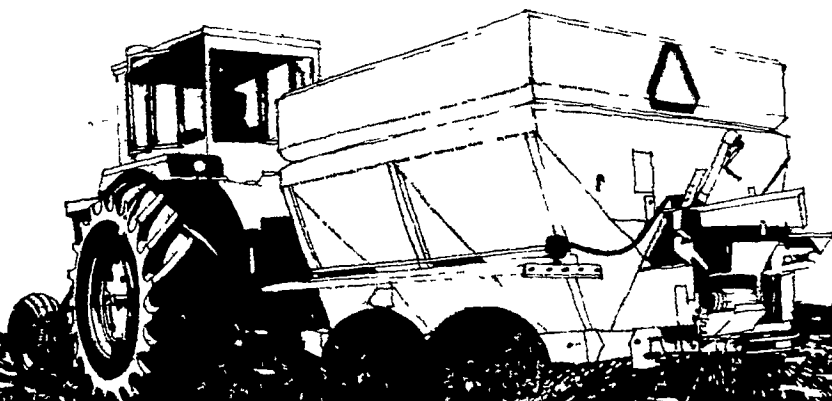
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OPEN SHOW Hereford breed reserve champion at the Pennsylvania Livestock Exposition in Harrisburg this week is

shown by his owners J. K. Mast (left) and Mr. and Mrs. Larry Weaver. L. F. Photo

Special Field Report On Hunting Conditions

The Pennsylvania Game Commission each week during the general hunting seasons, provides information on field and forest conditions and chances for hunter success throughout the state. These are the mid week reports from the six field divisions for the second week of the general small game season.

Northwest Division — Supervisor L. E. Sheaffer — An incoming cold front with snow flurries is predicted. Roads are still firm, with most foliage down. Most corn has been harvested. Good supply of pheasants and rabbits, grouse and squirrels fair. Hunting pressure has been light on turkeys which are present in good numbers. Many hunters are wearing fluorescent orange — an excellent habit.

Southwest Division — Supervisor G. L. Norris — Hunting conditions are ideal. Almost all corn is harvested and the foliage is down. The ground is wet in many places. This has lowered grass cover, improving rabbit hunting. Many pheasants left. Turkeys are spotty — hunting will improve if we get any snow. Roads are good.

Northcentral Division — Supervisor R. H. Morningstar — Due to recent heavy rains mud on snow tires are suggested for back road driving. Foliage is down and corn harvested. Plenty of turkeys throughout the Division and a good supply of rabbits and pheasants. Despite several route marker changes, Route 322 as seen on highway maps will remain the boundary line in reference to the turkey season.

Southcentral Division — Supervisor W. A. Hodge — Have had much rain recently with colder weather forecast. Foliage is largely down and most corn has been harvested. Turkey hunting good in mountainous areas, grouse and squirrels spotty. In the lower counties rabbits and pheasants are still in good supply. Dirt roads smeary.

Northeast Division — Supervisor A. J. Molski — All foliage down, good visibility. Recent snow in several counties has disappeared. Waterfowl hunters should be aware of rising waters on rivers. No fire hazards at present time. Leaves soaked, forest quiet. Many large flocks of turkeys have not yet been scattered. Good carryover of pheasants and rabbits.

Southeast Division — Supervisor

T. A. Reynolds — Wet weather has helped get foliage off trees. About 95 percent of corn is harvested. Roads are wet but no problem. Pheasant hunting still excellent, rabbits and squirrels fair. Hunters are reminded that it is illegal to hunt in Safety Zones and are urged to be certain of their targets at all times before shooting. Saturday, Nov. 15 is the final day of turkey season in this Division.

The thirties look is in for men's hats, says Gentlemen's Quarterly, the fashion magazine for men. The book's report on the toppings show the look in a wide brim hat of black felt. Wear it with a maxi coat.

Maybe a woman is willing to forgive and forget, but by golly she won't forget what she forgave.

Farm Women Plan Projects

Society of Farm Women 1, Lititz, held its meeting Saturday at 1:30 p.m. at the home of Mrs. Willis Bucher, Lititz R2, with Mrs. Daniel Brubaker as her co-hostess.

Twenty-five members and guests attended. Mrs. Scott Garman, president, conducted the meeting.

The society is donating \$50 to the Farm and Home Foundation of Lancaster County. Members who are making sandwiches for the USO should take them to Mrs. Garman's home, on Dec. 6 by 11:30 a.m.

Volunteers are wanted to repair and distribute toys at the

Venture Club and anyone interested should contact Mrs. Henry Shreiner.

Mrs. Garman announced the antiques show will be held Dec. 6 and also asked for contributions for this event. The Agricultural Extension Christmas display and demonstration will be held Dec. 4 at the Farm and Home Center all day and evening.

Society 1 will be entertained by Society 27 on Nov. 18 at 7 p.m. at Mount Joy Methodist Church Hall, 33 Main St.

A demonstration of Moravian sugar cake baking was given by Mrs. Bucher. The next meeting will be held at the Moravian Home, Church Square, Lititz, Dec. 6 at 2:30 p.m. The program will be by the children and grandchildren of members of the society.

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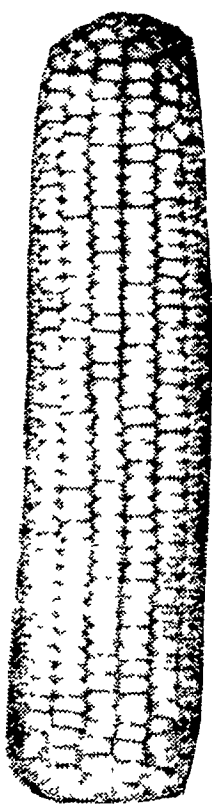
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With the increase in apartment living, they now call it "home, suite home."

Soil Acidity Affects Plant Growth & Yields

When crops fail to respond to recommended applications of fertilizer, the problem may be soil acidity, notes Dr. William Mitchell, extension agronomist at the University of Delaware.

Although several factors can affect plant uptake of soil nutrients, soil acidity is the most common one affecting the efficiency of fertilizers.

Before fertilizer nutrients can be absorbed by plants, the nutrients must be dissolved by soil water, explains Dr. Mitchell. The solution thus formed is resupplied by dissolving additional nu-

trients in a continuous cycle. Soil acidity, however, is largely responsible for controlling this supplying process. When certain elements formed by soil acidity mix with plant nutrients, a compound may result which does not dissolve in soil water. As a result of this reaction, fertilizer nutrients can't reach the plants.

Elements formed by soil acidity not only prevent plants from making the most efficient use of fertilizer nutrients, but they will also effect crop growth, points out Dr. Mitchell. Excess aluminum and iron in the soil will restrict root growth by preventing adequate absorption of water and nutrients. Too much manganese will result in white or dead spots in the leaf tissue, reducing the photosynthetic process.

The concentration of these elements increases as the soil PH is lowered.

Soil acidity is a continuous process, stresses Dr. Mitchell. Plant growth, fertilizers and rainfall are just a few of the processes contributing to its development. With proper liming, however, the conditions that would lead to a reduction in plant growth and lower yields can be eliminated.

The only families without skeletons in the closet are those with more ample storage room in the attic.

Wasps Control Alfalfa Weevil

Small wasps, slightly larger than the head of a pin, may be the answer farmers have been waiting for as a means of controlling the alfalfa weevil.

Dr. William Day, entomologist at the U.S. Department of Agriculture's Biological Control Laboratory, Mooresville, N.J., reports that six species of parasitoids have been established in the East in an effort to keep the weevil populations in check.

During a recent speaking engagement at the University of Delaware, Dr. Day pointed out that the present work aimed at biological control of the alfalfa weevil was started during the late 1950's in France, where the wasps were found to be a natural weevil control. "The decision was then made to introduce all suitable species into the U.S. It appeared that a combination of at least three species would be necessary to control the weevil, and it would be impossible to predict which species would succeed and which would be adapted to various environments."

Next, live parasites were sent to Mooresville where scientists

Sale Register

EVERY FRIDAY—Stockers and Feeders—Sherandoah Valley Va. Cattle, Staunton Union Stock Yards, Inc. Staunton, Va.

SAT NOV 15—9 AM Public Sale of Valuable early steam engine parts and steam and traction engines located at Kinzers, Pa., east of Lancaster along Rt. 30. Sale by Kinzer Equipment Co.

SAT NOV 15—12 45 PM Diller and Stoltzfus Registered Holstein Sale located along Rt. 222, 6 mi. S of Lancaster on the Carl Diller farm. Sale by Carl Diller and John J. Stoltzfus.

MON NOV. 17—S & W Ranches' Sale, Puidum, Nebraska.

MON NOV 17—At Martin's Sale Stables, Blue Ball, Pa. Dispersal of Arabian Horses for Mrs. D. G. Steeley at 2 pm. Standard-bred consigned horses and ponies hitched at 1 PM. Each sold at 5 PM. Horses at 7 PM. Terms by Gene Sank and Larry Martin. Phone 717 354 6671.

TUES NOV 18—2 PM Public Sale of 104 acre farm more or less, 24 comfort stalls located 2 1/2 mi N of Churchtown on Rd. leading to Pebble Rock near Zeigler Sisters Nursing Home, Cocalan Township, Lancaster Co. Main entrance to farm from Rt. 823, rear entrance from Rt. 888. Inspection of property Sat Nov 8 1 to 3 PM. Terms by Martin and Laura Huvett.

WED NOV 19—Complete Herd Dispersal of 37 head Holstein cows to be sold at the New Holland Sales Stables, Inc. for Glenn Fite, Owner.

THURS NOV 20—2 PM Privately owned grocery and notion store known as Burkholder's County Store located along Rt. 22 in the Village of Groffdale, 1 1/2 mi W of New Holland, Lancaster County, Pa. Inspection permitted during store hours Mon, Tues, Wed and Sat 8 AM to 6 PM. Thurs and Fri 8 AM to 9 PM. Will be sold in two parts with equipment or equipment separately. Terms by Elam K. Burkholder.

THURS NOV 20—8 PM Public Dairy Cow Sale located 5 miles North of Rt. 222 along 897, 2 mi N of Reinholds Vernon and Ray Kline Owners.

FRI NOV 21—10 AM Complete Dispersal of Registered and Grade Holstein Cattle and Farm Equipment located 1 1/2 mi east of Rt. 82 (Loags Corner) 2 mi. southeast of Elverson, along Yoder Rd., Chester County, Pa. Terms by Amos C. Stoltzfus, Elverson RD #2.

either released them in carefully selected alfalfa fields — if numbers were large enough — or reared them in the lab. "Some species cannot be reared efficiently in the lab due to diapause or some other factor, so they had to be released immediately. If we received a stage of the parasite other than the adult, they were held in quarantine to prevent the escape of any hyperparasites present," explained the entomologist.

When released, the small parasites search out the alfalfa weevil larvae where they lay their eggs. After the eggs hatch, the wasp larvae feed on the weevil larvae, killing them and interrupting the life cycle. Although the wasps will not completely eliminate weevil populations, it is hoped they will reduce them to a tolerable level, according to Dr. Day.

The main benefit to farmers will be a tremendous savings from reduced spraying costs with this biological control program, he emphasized. "Over a 10 year period a rough estimate of the total costs for the parasite-weevil program is around \$1 million. But in the mid Atlantic states in 1969 alone, the savings from less spraying and less crop damage was \$1 1/4 million."

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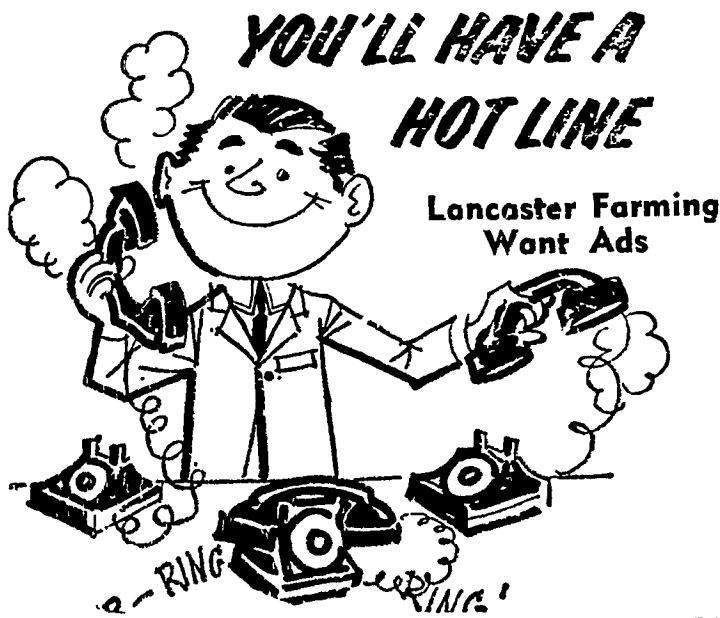
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Sale Register

FRI. NOV. 21—1 P.M. Special Stocker & Feeder Sale by Lancaster Union Stock Yards in the Sales Pavilion.

FRI. NOV. 21—7 P.M. Fall Stocker and Feeder Sale in new sales pavilion at Vintage Sales Stables, Inc., 10 mi east of Lancaster on Route 30

FRI NOV 21—8 P.M. Public Sale Black and White Holstein Farm, at Dairy Cow Sale Pavilion along Rt 230 Bypass directly across from the Comet Outdoor Theatre, just west of Lancaster. Terms by Charles C Myers, owner

SAT NOV 22—10 A.M. Public Auction of Trucks, Trailers and Construction Equipment located on Rt 419 North of Schaeffertown, east of Lebanon off Rt. 501 Terms by Kleinfelter Bros, Myerstown RD 2, Pa.

SAT NOV 22—1 P.M. Feeder Pig Sale by Melvin M. Martin located along the Brubaker Valley Rd leading from Rt 322 at Clay to Rt 501

SAT NOV 22—10 30 A.M. Public Sale of Farm Machinery and Household Goods 1 1/2 mi S of Conestoga, off Shenk Ferry Rd,

A Lancaster Farming Classified Ad Can Help

Sale Register

10 mi. S.W. of Lancaster using Rt. 324. Terms by Henry Souder.

SAT. NOV. 22—11 A.M. Public Sale of Livestock and Farm Equipment, Corn and Grain located just off Rt. 743 leading from Elizabethtown to Maytown along Bossler Road. Sale by Mrs. Edna H. Sauder.

WED. JAN. 7—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on Commission Paul Z Martin

WED JAN 21—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on commission Paul Z Martin

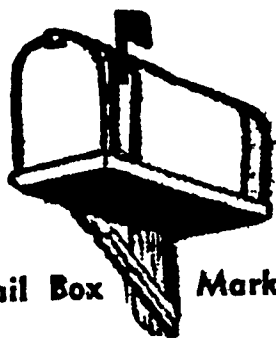
MON JAN. 26, 1970—Sugar Loaf Sale, Staunton, Va., Div. of Shalce, Inc

WED FEB 4—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on commission Paul Z Martin

WED FEB 18—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on commission Paul Z Martin

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TUES MARCH 17—at 10 A.M. 40 head of dairy cattle, full line of farm machinery and house-



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Sale Register

hold goods, located 2 mi north west of Manheim on Old Line Road, turn west on Colebrook St in Manheim Terms by Roy B Boll

WED MAR 18—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery, We sell on commission Paul Z Martin.

SAT. MAR. 21, 1970—Black Gold Farm's Sale, Forest River, No. Dakota.

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For Sale—Over head garage door 7'2" x 9'. Wanted—Gentle horse and saddle for beginner. Phone 656 6644

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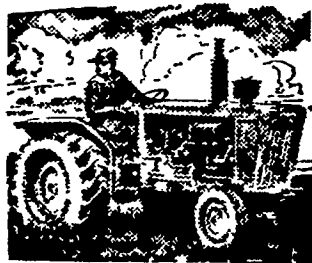
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FEWER PROBLEMS**



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Lancaster Farming

SECOND SECTION

Modern Noah's Ark

Nuclear Fall-out Shelter For Cows

In the Chicago Sun-Times (Oct. 21) Philip Clarke writes about "an amazing farm building stands outside Omaha, Neb., just off Highway 31 — a nuclear fall-out shelter for cows. You have to look hard for it because all you can see are a couple of pipes sticking out of the ground."

"Built at a cost of \$25,000 the cow shelter is the brainchild of 60-year-old J. Gordon Roberts, president and chairman of the board of the Roberts Dairy Commission."

"In Omaha, home of America's Strategic Air Command, they take both world defense and the milk supply very seriously. Roberts conceived the idea for a cow shelter after attending a civil defense course in Omaha with a dozen of his dairy executives."

"As Ed Andersen, general safety supervisor at the Roberts Dairy Farm, puts it 'What's the use of having a lot of live people left after a nuclear attack if we can't feed them?' By keeping

pedigree animals down here we are assured of building up good herds again."

"The underground cow bunker has enough room to house two bulls in two 7-by-12 foot pens and 200 cows. The animals enter the shelter through a 14-foot wide door where a huge sign proclaims 'War Sacrifice for the U.S.A., suicide for the U.S.S.R., nonsense for everybody.' The opening is shielded from gamma ray exposure by a solid concrete waffle."

"A 10,000-gallon tank five feet underground stores water pumped from a nearby well. Food is stored in the form of high-protein feed pellets. Also included in the cow shelter complex is a power house, accommodation for the farm personnel caring for the cattle and food and water supplies for 15 people."

"In one experiment, 30 of the Roberts heifers spent two weeks in the shelter. Only two of them had to have tranquilizers (also specially stored). In fact, nothing has been forgotten for the comfort of the cows. Manure is washed away through and under-floor drainage system. The subtle thing about that in cold war terms is that it slopes from west to east."

Still In Existence

The Emancipation Proclamation as written by President Lincoln is still in existence. In 1864 the document was sold at a bazaar to benefit wounded soldiers. Later, the New York legislature

Emmett Littleton Ashford is the only Negro umpire in the major leagues.

D. M. Wolgemuth Celebrates 50th Anniversary

Daniel M. Wolgemuth of Wolgemuth Bros., Inc. feed manufacturers at Florin, is celebrating his 50th anniversary in business.

It was November 1, 1919 that he and his father, Hiram, opened the Wolgemuth feed mill at its present location.

Recently, he was honored with a party attended by nearly 100 including guests and employees and their families.

Martin Miller, sales manager of Wolgemuth Brothers, was master of ceremonies.

Following the banquet, Don Pikes of Ephrata, executive secretary of the Pennsylvania Miller and Feed Dealers Association, gave the principal address on a "This is Your Life" theme.

One of the highlights of the evening was the presentation to Wolgemuth by his two sons, Jay and Donald, of a large oil painting, which now hangs in the company office.

A surprise to the employees was the presentation of handsome wall plaques given for loyal service. Each carried the number of years which the employee has been with Wolgemuth Brothers.

Plaques given and number of years service included:

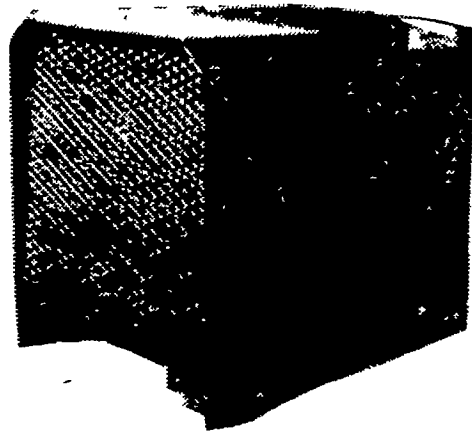
Daniel M. Wolgemuth, 50 years

Martin K. Miller, 39 years
Ralph S. Oberholtzer, 35 years
Ivin H. Ginder, 29 years
Elmer S. Forwood, 23 years.

(Continued on Page 22)

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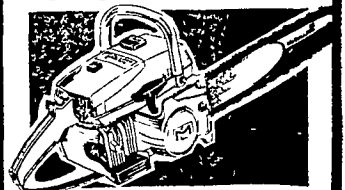
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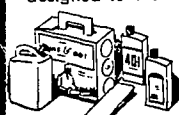
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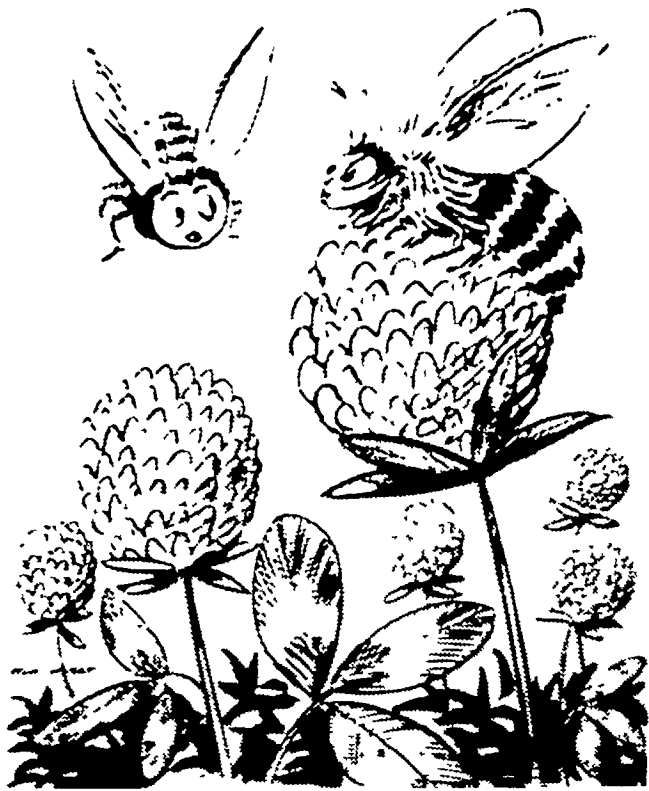


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Conservation Corner



"Honey, legumes keep you sweet"

Forage & Seed Conference Scheduled

The 1969 Pennsylvania Forage and Seed Conference will be held at the Cocoa Inn, Hershey, Pa. on November 24th and 25th. This conference will afford grain and forage minded farmers and agronomy dealers an excellent opportunity to "catch

up" on some of the newest ideas.

Theme for the Monday afternoon session is "Crop Establishment and Management" with emphasis on corn and forage crop establishment, grassland improvement and legume and grass management. A Monday evening session will present a look at agriculture in India.

Tuesday morning will be devoted to "Farm Performance" of small grains, corn and forage crops, crop breeders' rights, the use of insecticides for crop pro-

Tie-In Beef Promotions

Beef has teamed up with potatoes and peaches for new promotional campaigns, according to John Huston, Beef Industry Council of the National Live Stock and Meat Board.

"America's All Time Flavor Mates", features beef and potatoes in a joint promotion of the Beef Industry Council and the Red River Valley Potato Growers Association.

Full color posters and case strips feature sirloin tip roast with baked potato, round steak with mashed potatoes, sirloin steak with cottage fries and beefburgers with french fries. The promotion materials are designed for use at meat counters and in the produce sections of food stores.

The Beef Industry Council, in cooperation with the Cling Peach Advisory Board, highlights beef sirloin tip roast with hot ruby peach sauce and beef

Snowmobiles Illegal On State Game Lands

Hunters are reminded that it is illegal to drive snowmobiles on State Game Lands, other than Game Commission roads open to public travel, during the upcoming bear and deer seasons. It is unlawful at any time to drive snowmobiles on township or state roads traversing Game Lands, under provisions of the Vehicle Code.

With interest in snowmobiles mushrooming and sales soaring, some outdoorsmen may have entertained the thought that this would be a means of crossing State Game Lands in big game seasons.

They are advised that to do so is unlawful.

**Try A
Classified —
It Pays**

kabobs with chutney peaches in exclusive full color photos and recipes for newspaper food editors. Initial response from the newspapers has been enthusiastic, Huston said.

The Pennsylvania Department

of Agriculture has lodged a protest with the Interstate Commerce Commission over a proposed 6 percent increase in rail freight rates. The Commission is scheduled to hear oral arguments November 12 on the rate increase requested by the nation's railroads.

State Agriculture Secretary Leland H. Bull, in a telegram to the ICC, protested proposed increases "particularly as applied to grain, grain products, feed, and feed ingredients."

He pointed out that a general percentage increase continues to place an inequitable burden on Northeastern farm producers, and that rates available to similar producers in the Southeastern states are generally lower.

duction and proposed laws concerning the usage of insecticides.

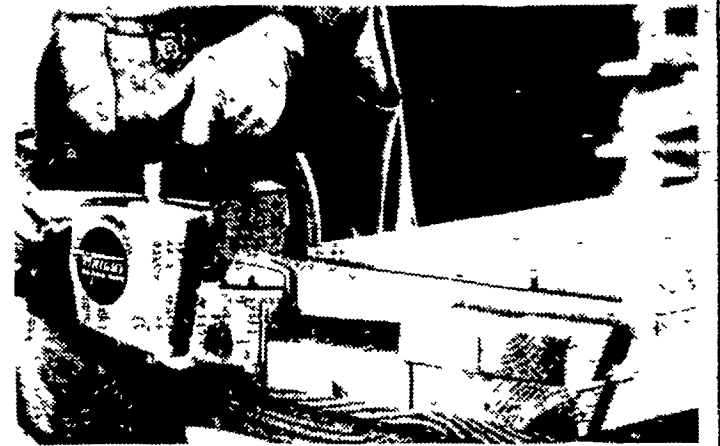
Forage quality and evaluation will be emphasized Tuesday afternoon.

Additional details concerning the conference are available from the County Extension Service Office.

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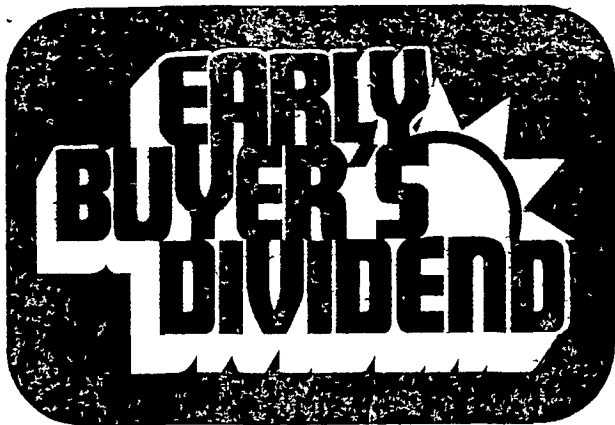
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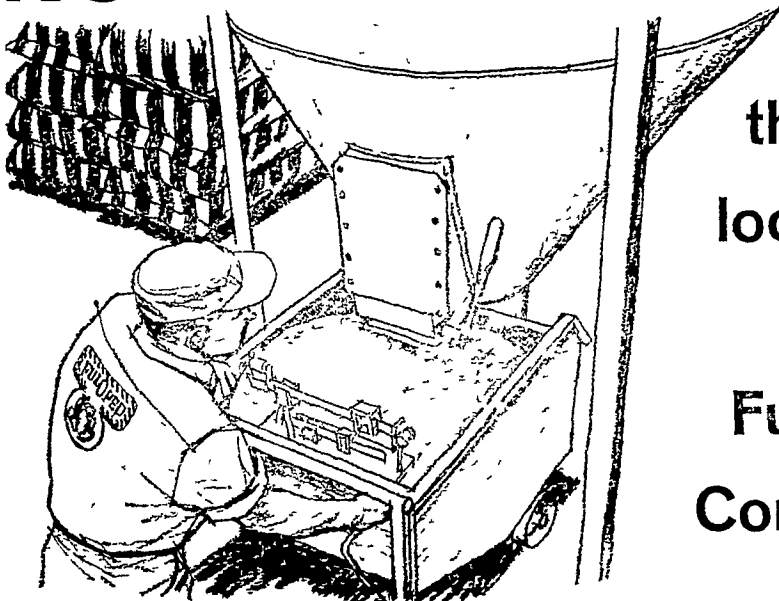
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Stevens Feed Mill, Inc. **S. H. Hiestand & Company**
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Grange News

Fulton Grange #66 held their regular meeting November 10 at their hall in Oakton with a full attendance. The Master, Richard Holloway, conducted the business meeting. The Grange went on record opposing all of the additive items the State Legislature is proposing to be fixed in addition to the items presently included in the Pa. Sales Tax on the grounds that the sales tax on clothing and doctor bills would place an increased burden upon our senior citizens and tax on farm equipment would tax many farmers out of business.

They also adopted the following resolution:

WHEREAS, The atheists in this country are seeking legislation prohibiting Bible reading by our Astronauts in outer space, and

WHEREAS, We wholeheartedly support the recent decision of the Astronauts to read the Bible in outer space as they orbited the moon, and

WHEREAS, It should be the right of every human being to publicly express his faith in God and the Bible without fear of reprisal from Government or any other power. Therefore, be it

RESOLVED, That Fulton Grange #66 meeting in regular

session November 10, 1969, instruct our secretary to send a copy of this resolution to NASA Headquarters commending the Astronauts on their decision to read the Bible in outer space, so inform our legislators as to our stand on this issue and urge individual members to express their opinion by letter."

The Charter was draped in memory of Mrs. Katie Z. Carpenter. Twenty dollars was given to a local church to help with a worthwhile project and five dollars given to the Tuberculosis & Health Society of Lancaster County.

The Youth committee has reserved three lanes at the Strasburg Bowling Alley for November 15, 9 p.m. for a party. Nov. 22 they will sponsor a record hop at the Grange Hall from 8 to 11 p.m. for the young people of the community and Dec. 20 they will be in charge of the Grange's Christmas carolling. Members should bring ideas for Christmas gifts for shut-ins to the next meeting, Nov. 24.

The Grange observed Corn and Pie Night at this meeting. The Women's Activities committee composed of Mrs. Charles Reath, Mrs. Elwood Baines, Mrs. Thomas Galbreath, Mrs. Richard Nye

and Mrs. Ira Welk was in charge of the pie contest. Prize winners were: Spiced pumpkin 1 Mrs. Richard Holloway, 2 Mrs. Clifford Holloway Jr., 3 Plain pumpkin 1 Mrs. Charles McSparran, 2 Mrs. Mary Sinclair, Apple 1 Mrs. Gyles Brown, 2 Mrs. Harold Alexander, Mrs. William Friedl and Mrs. Robert McSparran were the judges.

The Agriculture committee, Alfred Overly, James Hubel, Clifford Holloway III and Jesse Wood were in charge of the corn contest. William Friedl, Solanco High School Agriculture Department, was the judge. Winners were: Best 10 ear exhibit 1 Alfred Overly, 2 Clifford Holloway Jr., 3 Clifford Holloway III, Best single ear 1 LeRoy Welk, 2 Lloyd Welk, 3 Richard Holloway.

The program in charge of the Lecturer, Mrs. Stanley Stauffer Jr., featured "Safety Tips on Hunting" by Alfred Overly and the Trespassing Laws reviewed by James Hubel. Mr. and Mrs.

Stanley Stauffer Jr., Mr. and Mrs. Clifford Holloway Jr. and Mr. and Mrs. Charles McSparran presented an impromptu skit relating the highlights of the 97th annual session of the Pa. State Grange convention held at Lewistown Oct. 27-30. Fulton Grange received a plaque from the Pa. State Grange for a net gain in membership this year. Mrs. Charles Reed placed third in the oil painting contest in the state.

The program at the next meeting will focus on Education. Mr. John A. Taddie, principal of Solanco Sr. High School, will talk on "Recent Changes Which Have Been Made In Secondary Curriculum." Fulton Grange's contestant for the Miss Solanco pageant Nov. 29 is Miss Christine Weaver, daughter of Mr. and Mrs. Edward Weaver, Oxford R. 2. She will do her contest monologue at this meeting. Fulton Grange #343 held their regular meeting also Nov. 10 at the Grange Hall. They made



A Lancaster Farming Classified Ad Can Help

Christmas wreaths of pine cones in their craft period. They conducted a successful paper drive at this meeting.

The Junior Grange members will accompany the Subordinate Grange Christmas carolling Dec. 20. Their Christmas party will be Dec. 22 and they will have a fifty cent gift exchange.



This One Works!

And that's why it pays you to use Wayne Rat and Mouse Killer when you take time to get rid of rats. It's a food-based rat bait with well known Warfarin and Prolin for added effectiveness. Rats prefer it to other foods, never tire of it. They carry it to their nests and eat it till even "Hard to kill" rats die. Very easy to use pellets.

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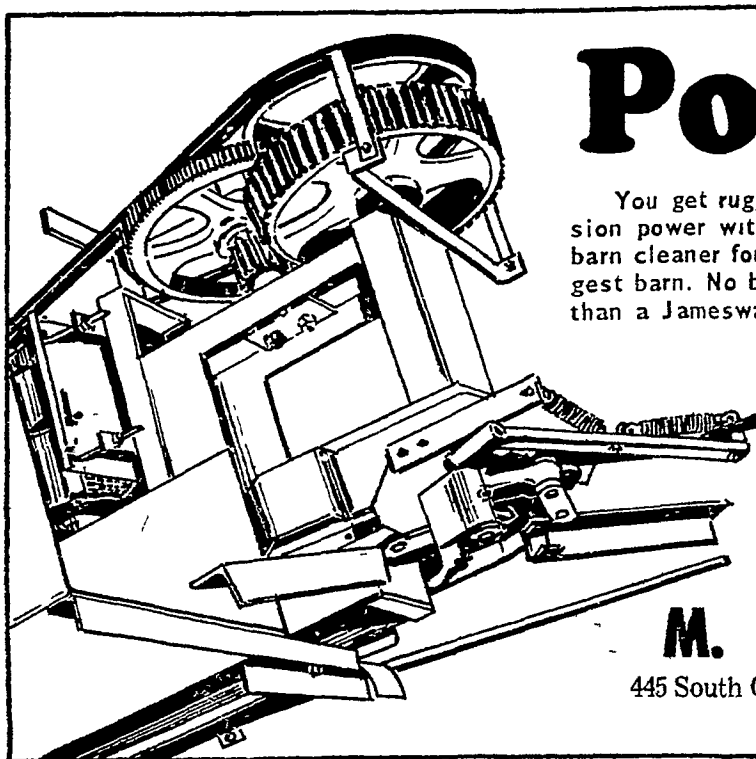


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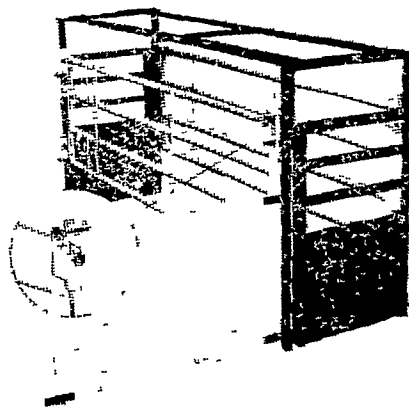
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The Egg Family In The Retail Store

The Egg Family, in retailer talk, is the various sizes, grades and brands or packages of eggs the food retailer offers for sale," advises Dr. L. A. Wilhelm, PENB president, who is conducting an intensive study and literature review aimed at helping the egg distributor to better understand the food retailer.

Eggs in some 80% of the retail food stores are sold in the dairy display case. Even in those stores with separate egg merchandisers, eggs are usually handled in, or accounted by the Dairy Department.

Each grade, size and trademark package is considered a "separate item." This is done for accounting purposes. The Dairy Department may have 200-300 different items.

The "egg family" usually consists of grade A large and medium eggs in dozen cartons. If it also includes extra large and smaller sizes, this would make four items. It is not unusual for there to be two brands of grade A large. If so, this would be five items. Many stores also offer two dozen or 30 egg packs. Each of these are separate items.

The use of the "family" designation of foods in the Dairy Department is one outgrowth of the continuing research by Purdue University.

In addition to the EGG family, other family groupings include the milk, spreads, cottage cheese, ready-to-bake and cheese.

The milk family appears obvious, but includes 2%, skim, chocolate, drinks, juice drinks,

cream, and milk and cream substitutes.

The "spreads" family is frequently referred to as oleo or margarine, but also includes butter.

Cottage cheese as a family sounds simple enough — but includes "wet" and "dry," as well as large and small curd, also plain and with additives. The additives might include the range from chives to pineapple.

The "ready-to-bake" family is the newest and one of the most rapidly growing groups. It is not unusual for it to consist of 30 to 50 items. It includes biscuits, dinner rolls, sweet rolls and many others.

The "cheese family" is usually the most obvious one of the entire display. And there is good reason for it. Not only is cheese consumption increasing, but this family undoubtedly has one of the best distributor-merchandiser-promoter backers in the entire food business. In one store study this family included 7 processed cheeses, 9 sliced processed cheeses, 28 prepack natural cheeses, 16 specialty and grated cheeses, 3 cream cheeses, and 11 cheese spreads and foods. This is a total of 74 items.

"In spite of the smallness in number, the Egg family does remarkably well for the foods retailer," concluded Wilhelm. "Because of the rapid turnover of this Power family it contributes 18-20% of the department sales dollars from only 5-10% of sales space. A number of studies indicate that return on investment for eggs is equal to, or exceeds that of milk. And eggs are usually exceeded only by butter," Wilhelm added.

Instinct prompts one to action, discretion urges caution, experience reinforces discretion and instinct upsets the applecart the next time the same situation arises.



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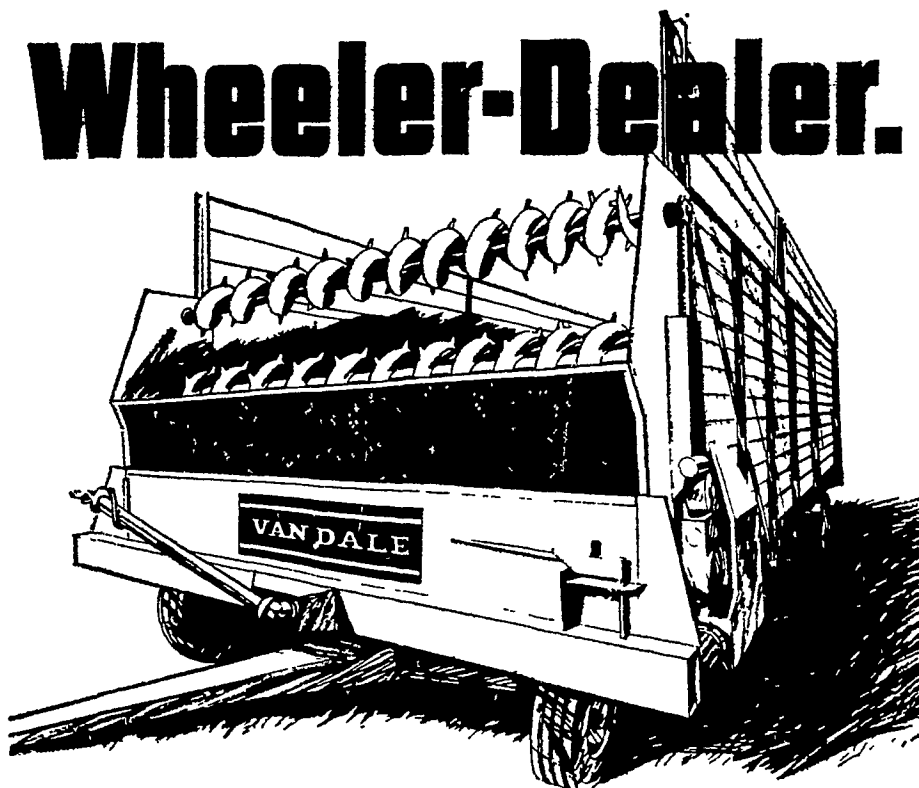
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NEW VAN DALE FORAGE BOX. Auger-type "beaters" wheel out forage and silage with ease.

Exclusive auger-type "beaters" deliver all kinds of materials under all kinds of conditions. No chopping, clogging. Unloading auger-beaters are counter-rotating, meter material without bunching.

Two worm gear drives and sealed self-aligning roller bearings throughout assure long life.

Available in 16 and 18-foot sizes, with a full 7' inside load width. Van Dale Forage Boxes self-unload either right or left side with a simple change of the roller chain. Exclusive 9" cross-conveyor overhang prevents spillage. Easy on-off metal roof and wood extension add to useful height. Great for larger loads, receiving bales.

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Quarryville, Pa.
Phone 548-2116

VAN DALE

Oak Trees

Danymen with oak trees in their exercise lot or pasture field are cautioned about allowing their milking cows to eat acorns. We are informed that most cows are fond of acorns and will hunt for them under trees if they get started to eat them. There have been many instances where just a few days access to acorns have cut milk production in half, large quantities will throw the cattle off feed and may be fatal. The

tragic thing about acorn poisoning is the extended effect on milk production. Cows that are affected usually don't return to normal production until next lactation. Acorns may be fine for the squirrels but keep the milking herd away from oak trees at this time of the year.

The Star Spangled Banner was designated the National Anthem by Act of Congress March 3, 1931.

"RED ROSE 14 TEST COW FEED is the best dairy feed we ever had in the trough"



RED ROSE 14 TEST COW FEED is a coarse-textured all-purpose feed that can be fed to your milking cows, dry cows, calves and bulls. It's high in fat, minerals and digestible nutrients. You can feed it at all seasons . . . to keep up the milk flow.

Other Red Rose dairy feeds (available in many protein levels) and Red Rose Supplements provide good feed for your cows, too — all of them designed for top milk production. There's one available to suit your particular need.

Be determined to make more money from your dairy cows. You can . . . if you start with Red Rose. Why not start today?



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Martin's Feed Mill, Inc.
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Elverson Supply Co.
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Mountville Feed Service
Mountville

Henry E. Garber
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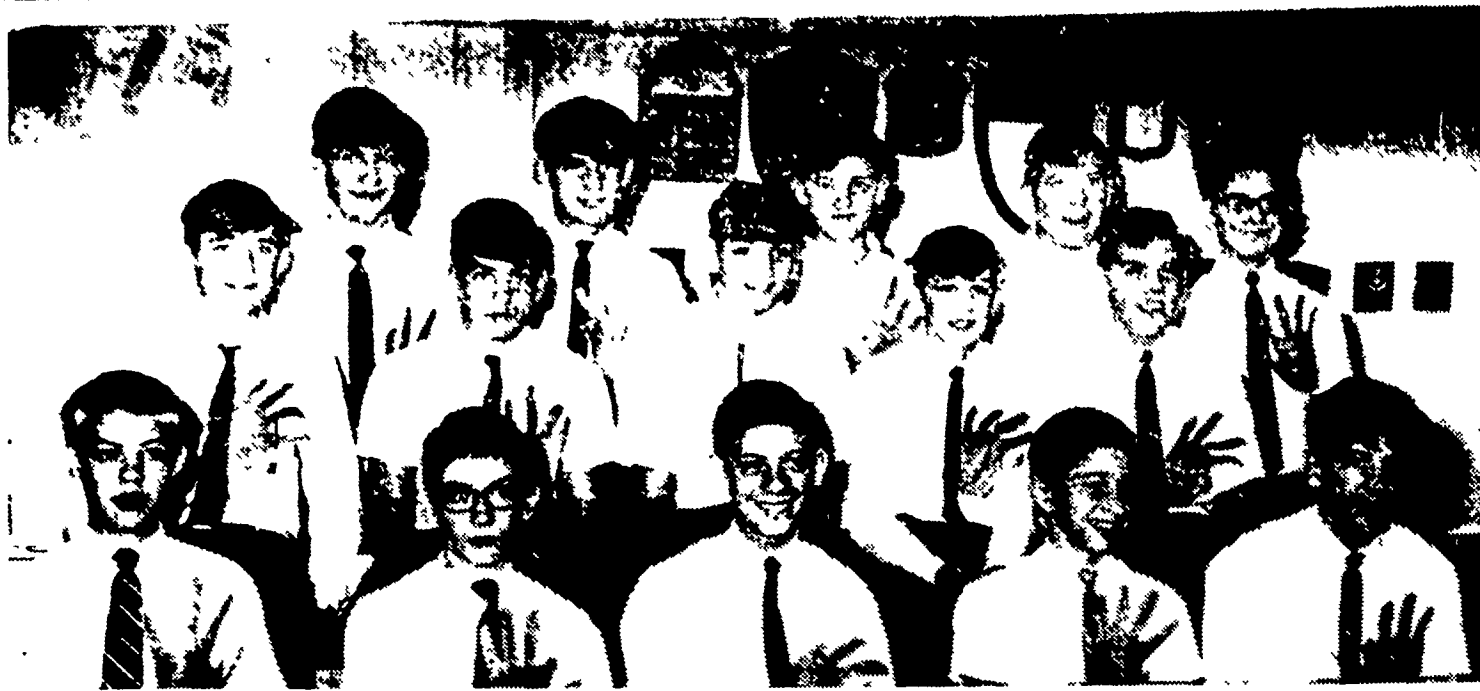
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H. M. Stauffer & Sons, Inc.
Witmer



CLOISTER CHAPTER FFA GREEN HANDS are (left to right) Row 1, Jay Frey, Glenn Ritter, Eric Copenhagen, Robin Greider and Ken Long. Row 2, Mike

Bollinger, Ronald Nolt, Marlin Smucker, Gerald Musser, Russel Kline. Row 3, Richard Bollinger, Robin Musser, Andy Martin, Daniel Harting and Kevin Burkholder.

"Maid Service" Blamed For High Food Cost

Convenience packaging and "maid service" for the housewife was blamed for the high cost of food by Charles R. Ord, administrative secretary, Pennsylvania Farmers' Association, at the 19th annual meeting of the organization at the Penn Harris Motor Inn. "Today we have housewives boycotting high food prices when in reality food product costs are down," Ord stated. "Today's homemaker spend 16.5 cents of each dollar of earned income for food products, where just 12 short years ago she was spending 26.6 cents of each dollar to pay for her food purchases."

The farm leader stated that the farmer is not the recipient of big price increases, but plac-

ed blame on "convenience packaging and maid service. "Maybe the housewife does not have a maid in her kitchen but she does in the employee of the food processor and handler. The modern housewife with modern foods spends only a small fraction of her day preparing meals. The housewife of 50 years ago spent the major portion of her time preparing food. Unless I am mistaken someone must pay for this freedom from house-

hold chores, and again unless I am not reading our lesson correctly the housewife, or at least the vocal ones think the farmer should pay.

"I doubt if the farmer can afford the bill, although he has been absorbing much of the cost in recent years," he remarked.

Ord called for strong organization of farmers to meet the challenges in agriculture. He urged the farmers to take their

"rightful role and exhibit personal interest in all community and business activities. If farmers were to accept this responsibility, there would be a lessening of the need for the so-called saviors of agriculture, subsequently a lessening of confusion about the voice that speaks for agriculture."

Alabama has about 4,500 species of plants that grow without cultivation.

● Anniversary

(Continued from Page 17)

Clarence H. Oberholtzer, 22 years.
Jay Wolgemuth, 20 years.
Russel D. Heisey, 17 years.
Eugene R. Hess, 16 years.
Michael M. Wolgemuth, 13 years.
Jacob S. Spangler, 13 years.
Ivan C. Kleiner, 13 years.
Paul B. Oberholtzer, 13 years.
Amos G. Kanode, 13 years.
Donald H. Wolgemuth, 13 years.
Christian B. Simons, 12 years.
J. Martin Gish, 9 years.
Carl M. Moyer, 8 years.
Lloyd R. Sumpman, 7 years.
Harvey K. Shoemaker, 5 years.
Lavina S. Koser, 5 years.
Other employees with less than five years are: Paul M. Fahnestock, J. Harold Tome, Roy S. Spangler, Walter K. Gerlach, Carson M. Geyer, Phares C. Miller, Izella Packer and Jan F. Gingrich.

Organist for the evening was Mrs. Melvin Shenk.

The Old Timer



"An inheritance is the wealth of a departed relative which brings a family together to be divided."

Are you paying too much for bottled gas?

Are you ordering instead of getting automatic gas delivery?

At Ugite, you get fully automatic delivered gas service and, you get the know-how and backing of one of the largest LP gas marketers in the state.

Ugite sells and services EVERY gas appliance for your home and you can shop for these appliances either at home or in our well stocked showroom.

Ugite is truly your one stop center for gas and service.

You also get a full selection of appliances at low, installed prices.

We have everything from central heat and air conditioning to the great luxury of self-cleaning gas cooking, gas clothes drying, outdoor grill, and gas lights.

Our delivery and service trucks are radio dispatched for quick service, and our men are fully trained and equipped to handle any gas need.

Best of all-check these rates:

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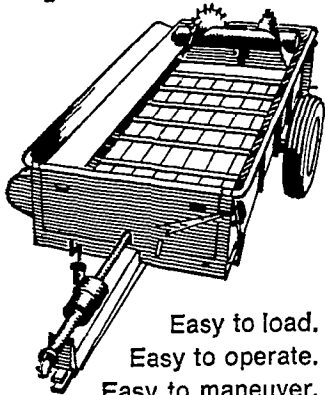


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Grant Heilman Has New Studio; Plans Open House

If you are driving through Lancaster County and see a man on top of a ladder that is fixed on top of a station wagon it may be one of the world's leading agricultural photographers — Grant Heilman — at work. Many times farm machinery working in the field, rows of corn or cabbage or the application of fertilizers or pest controls require a camera position above ground level so in these situations, the ladder becomes an important piece of the photographer's equipment.

Since 1952 Heilman has limited his photography work to Agriculture and the Natural Sciences. His business kept expanding at his home near Lititz and finally this year, it became necessary to build a special place for it. Now it is complete, all 6,000 square feet of ultra-modern office, filing, photography, and dark room space located on West Lincoln Avenue, Lititz.

Open House

And to accommodate his many local farm and community friends who would like to visit his new facilities, Heilman has announced an open house for Saturday, November 22 from 2 to 5 p.m. Everyone is welcome. You'll see beautiful photographs — the kind for which Heilman is noted, and the darkrooms and equipment that is used to produce them.

Grant is known world wide and his pictures are sold in all

parts of the United States and in Canada and Western Europe through a chain of clients which include magazines, advertising agencies and textbook publishers. Unlike most photographers, however, Heilman says, "I do not work on assignment. I just don't like assignments. I feel it means producing pictures to fit preconceived ideas and frequently results in second-rate photography."

And one of the reasons Heilman and his organization has been so successful is because they can give a client a good, honest idea of the quality of the photograph they have to offer, even over the telephone. And time and again, clients who know nothing about agriculture rely on Heilman and his staff to supply technical information for outlines under their pictures.

Heilman describes his method. (Continued on Page 27)



ULTRA-MODERN FACILITIES are featured at Grant Heilman's new studio in Lititz. An open house is to be held Saturday afternoon, November 22 from 2 to 5 p.m. Heilman is seated nearest the camera and members of his staff are (left to right) Barry Runk, Mrs. George Stoyanovitch and Miss Jeanne Thompson. In the smaller photograph John Hornberger is working in the new special photography area in the new building.



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You'd expect to pay close to \$5.00 for this beautiful album, but during this offer it can be yours for only \$1.00 (tax included) when you join a 1970 Fulton National Bank Christmas Club or deposit \$10.00 in a new or existing Fulton savings account. This offer good also when you open a Golden Passbook Account (\$100 initial deposit) or add \$10 or more to an existing one.

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Fast Changing Cattle Industry May Be Changing Too Fast

America's cattlemen are paying more for changes — sometimes called technological advances — than they bargained for. Stress in cattle, caused by shipping, handling, feedlot surfaces, and other external factors, result in a loss of weight in cattle and an economic loss to cattlemen.

As fast as cattlemen work to select stock with the genetic ability to thrive in modified environments, the environment is changing. This was the suggestion made by Dr. H. L. Self, Professor of Animal Science, Iowa State University, in the current issue of The Merck Agricultural Memo. The Memo is published by Feed Products, Merck Chemical Division as a service to animal health and nutrition.

The Memo reports on a series of studies of stress situations leading to shrinkage made by Dr. Self, professor in charge of outlying farms at Iowa State. He found that an average of 121 pounds of beef was lost in transit in one animal.

This figure was developed after buying an 800 pound steer which shrunk 9% or 72 pounds. After feeding the animal for 120 days, it weighed 1,080 pounds. It was then shipped to market and lost 45% or 49 pounds in transit. The total shrink loss was 121 pounds.

Dr. Self observed that the effects of shipping, handling, weather, feedlot surfaces and housing, even cattle management, may cause stress in animals. Most of these factors have been studied by Dr. Self and other experts. For example, confinement studies at Oklahoma State University indicated steers adjusted readily to slatted floors. The steers were fed free-choice in self-feeders. Carcasses showed no unusual bruises or other damage due to confinement.

On cold winter days, cattle may crowd into a poorly ventilated barn and "steam." The mass of bodies and lack of moving air causes this high degree of heat and humidity. When the animals return to the cold outside, the moisture in their coat either freezes or rapidly evaporates and causes super-cooling. This chilling, in turn, causes stress and frequently leads to influenza or pneumonia.

Tests in Ohio showed that cattle bedded with straw on a solid floor under cover gained slightly faster than cattle on slatted floors. In another test, yearling steers with access to overhead shelter gained an average of 0.4 pounds per steer per day faster than unsheltered controls.

Most of the tests showed both advantages as well as disadvantages. For example, the test of bedding cattle on straw showed weight gain, but there were 12 cases of foot rot among steers on bedding, while none occurred on the slatted floor.

The stress situations have been with cattlemen a long time. The first great change in livestock, says Dr. Self, was then domestication. Then, many years later, another change was made. The cattle were transported from one point to another. Since this change, the tempo of new, artificial environments increased rapidly. Trail drives led to rail then

truck transportation. The future, says Dr. Self, is in air transportation. This will create a whole new set of problems for cattle and cattlemen. For the cattle must adjust to every change. Until this adjustment is made, cattlemen face the possibility of shrink or weight loss in their animals.

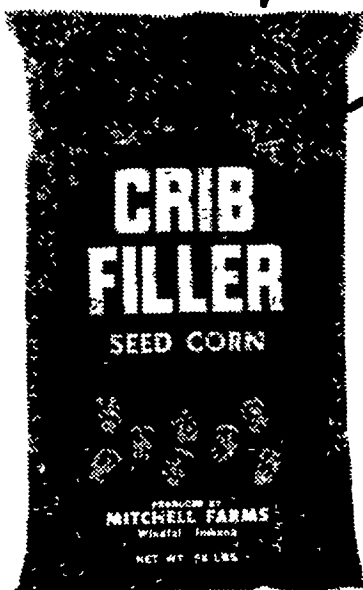
In order to overcome the loss, cattlemen have been selecting stock with the genetic ability to thrive in modified environments. Now, suggests Dr. Self, the modifications are coming too fast.

Since there are so many variables to consider — and more being introduced every day — Dr. Self says that, in the final analysis, each cattle feeder must make his own decision about housing, shipping and handling on the basis of his needs, ability, financial resources and personal preferences. But, scientists will help by developing the information that will aid the feeder in making his decision.

Pennsylvania dairymen will have a chance to vote in the state referendum regarding a proposed milk marketing program. All milk producers will receive a ballot by mail giving them a chance to vote on the plan to deduct one-half of one percent of the gross milk check (less hauling) for the promotion of milk throughout the country. This vote will come early in December. Our Extension Service is scheduling four (4) meetings throughout Lancaster County to provide an opportunity for all milk producers to become better acquainted with this milk marketing program. Dairymen are urged to attend one of these meetings. We are not attempting to tell the producer how to vote, but we are interested in getting him better informed so that he will be able to cast a more knowledgeable vote. The proposal requires at least two-thirds of those voting to favor the program providing it represents at least 50% of the production of those voting. The important thing is to become acquainted with the program and then **VOTE.**

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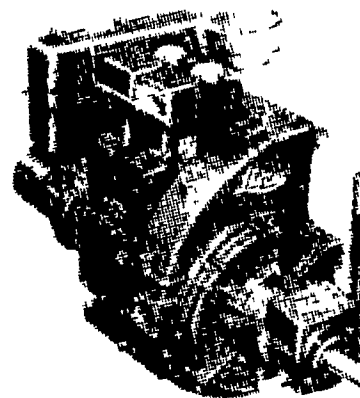
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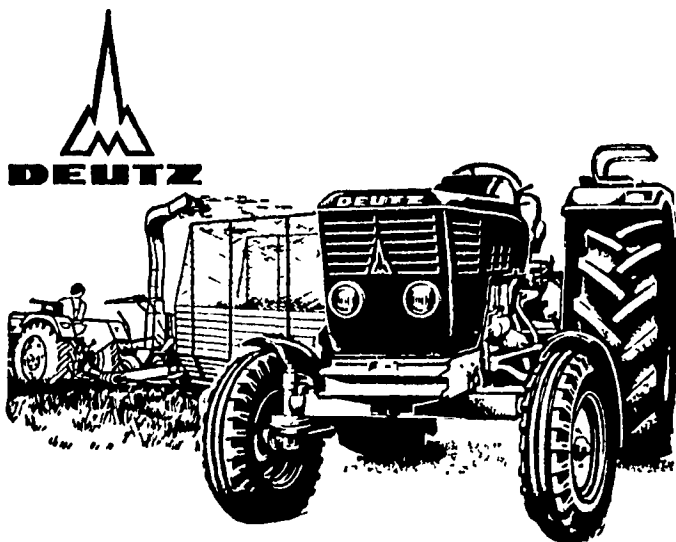
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PFA President Says Farmers Have Stake In What Happens In Pa. Assembly And U.S. Congress

Farmers have a great stake in what happens in the Pennsylvania General Assembly and the U.S. Congress, declared John R. Pitzer, President of the Pennsylvania Farmers' Association (PFA), in his annual report this week at the organization's 19th annual meeting. The general farm association held its four-day convention at the Penn Harris Motor Inn in Camp Hill.

The farm leader cited victories for farmers in the Pennsylvania General Assembly on such issues as the right of individual farmers to vote on the Proposed Milk Marketing Development program as opposed to bloc voting; frozen dessert regulations, solid waste disposal regulations; placement of snow fences on fields with unharvested crops, and the defeat of efforts to license and tax farm production equipment.

Pitzer, an apple grower in Aspers (Adams County), reported

a membership growth in the Farmers' Association with more than 2,598 new members. Total membership in the general farm organization is 11,545 family memberships in Pennsylvania with 46 county affiliates. PFA is affiliated with the American Farm Bureau Federation. He also reported that Jefferson County started a new county association in 1969.

"Economic services of the organization experienced continued expansion," the farm organization president said. PFA has affiliates for contract marketing of farm products, a complete record keeping service, supply purchasing and a full line of insurance.

He announced that PFA is purchasing an office building for the state headquarters of the organization. He said the property is located near the Camp Hill bypass and is the former office of Irwin's dairy.

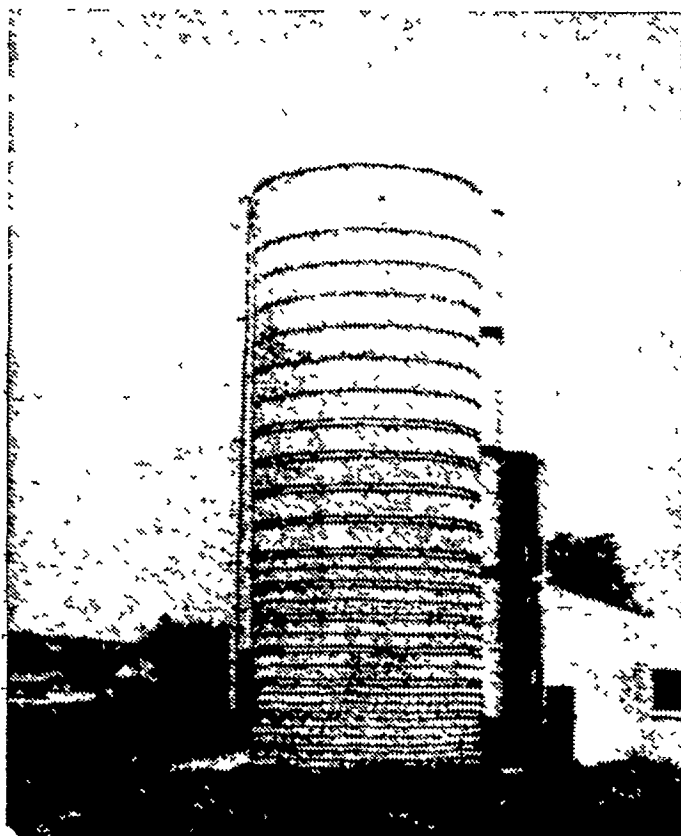
Lancaster Farming,
Sat., November 15, 1969—25

At a county president's dinner Monday evening, Arthur H. West, President of the New Jersey Farm Bureau and a member of the American Farm Bureau Board, told the group, "It seems perfectly clear to anyone who thinks clearly about it that our failure to achieve our economic goals in agriculture lies not in the lack of government programs in agriculture, but probably in the existence of too much dependence upon government programs that have been ill conceived, ill administered, and doomed to failure. The only beneficiaries have been the hordes of government employees who lived at our expense, and consumers who continue to enjoy the benefits of cheap food at our expense."

He called for the development of an effective power within the market place for farmers through their own organizations and not through government.



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FARMER DIRECTORS elected Monday night to the Agway Garden Spot Unit Committee are: (left to right) Henry Ket-

tering, Lititz R3; Noah Kreider, Jr., Manheim R3 and Roy Book, Ronks R1. Not present was John W. Sangrey, Conestoga R2.

● Farmers

(Continued from Page 1)

Atlantic Breeder's Coop, Nat'l. State, and County Holstein Ass'n's, Pa. Farmers' Ass'n, Ronks Fire Co, Pres of Lancaster Milk Mktg Comm, Board of Directors, Lancaster Milk for Health, and Pres Interstate Dist 6. He is also a member of Paradise Mennonite Church.

Sangrey's 127 acre farm is lo-

cated in Conestoga Twp, and he also rents 165 acres. He feeds 250 steers and 200 hogs. His crops are 25 acres of tobacco, 40 acres of wheat, 200 acres of corn, and 40 acres of barley. Sangrey is a member of the Green Hill United Methodist Church.

Kettering owns one farm, which is located in East Hempfield Twp., and rents two farms in Manheim Twp, totalling 265

acres. His main crops are corn, wheat, barley, and hay. He specializes in dairying with 50 Reg. Holsteins and also feeds 100 steers and 400 hogs. Kettering is a 4-H leader and a member of the Lancaster Holstein Club, Pa Farmers' Ass'n, and National Holstein Ass'n. In church activities he is a deacon at the East Petersburg Brethren Church, a Sunday School Supt, and an Adult Class Teacher.

Kreider, who is in a partnership with Noah Kreider and Sons, owns farms in Penn Twp, farming a total of 850 acres. His main crops are potatoes, corn, alfalfa, and small grains. He is a member of Interstate Milk Producer's Coop, Lancaster Milk Marketing Commission and Pa and Lancaster County Holstein Ass'n. Kreider is also a member of the Mount Joy Mennonite Church.

Guest speaker was Glenn Edick, Vice President at Agway. Edick said times are changing and to prove his point he gave the following figures on Lancaster County farm changes in the last 10 years: milk cow num-

bers went from 69,000 head in 1960 down to 64,000 in 1969; but hog number went up from 52,000 head to 78,000 during the same period. Laying hen numbers stayed about the same but alfalfa hay tons decreased by more than 50 percent from 110,900 tons in 1959 to 51,000 tons in 1968.

To cope with the change the Vice President recommended the use of computers, increased research, expanded marketing programs, and what he called the Enterprise Package where field men are acquainted with a farmer's program from beginning to end.

Edick reported Agway is making a serious effort to support law and order. "We are taking a strong, internal position to obey all laws," he said, "and we will support all law enforcement officers and make

The Old Timer

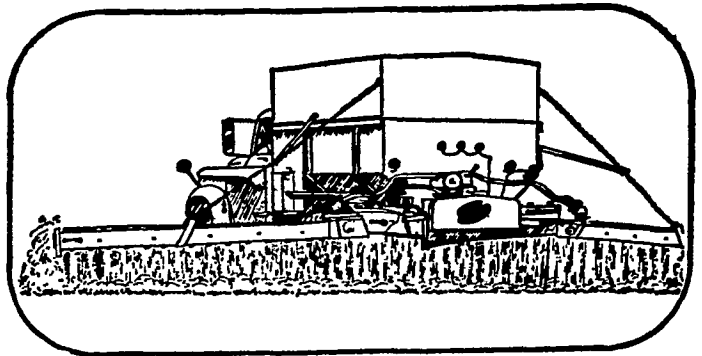


"Truth is like a cat — no matter how one twists it around, it will always land back on its feet."

an effort to get others interested."

Amos Funk, Millersville R1, was honored for long service to the cooperative; door prizes were awarded and the Treble-aires gave vocal selections.

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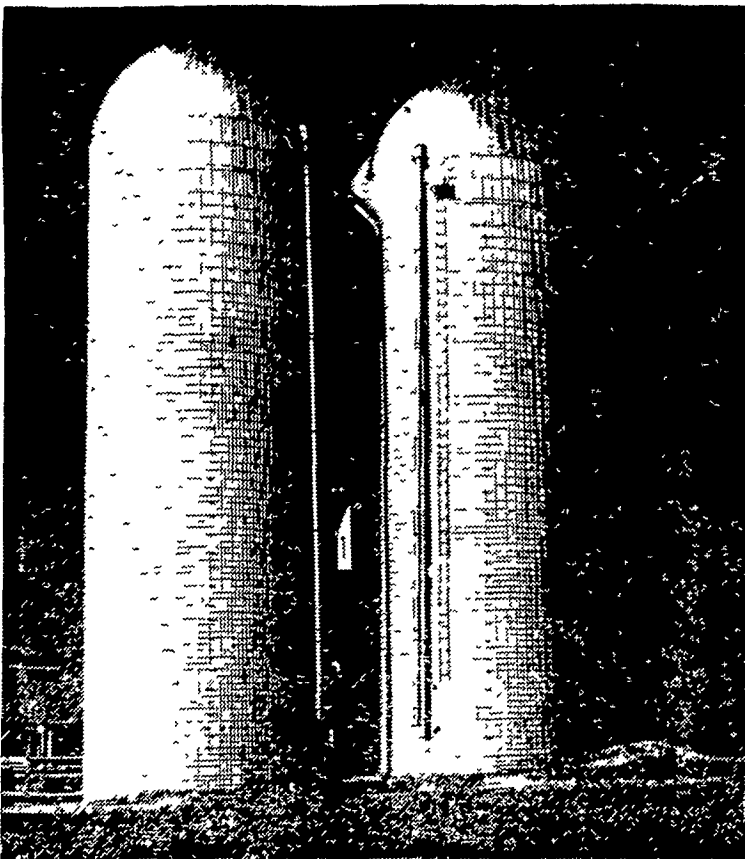
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● **Grant Heilman**
(Continued from Page 23)

ods for obtaining pictures as follows. "Before I go off on a

trip, I spend considerable time planning, deciding what type of picture could be taken and might be useful. But also, working on speculation requires the flexibil-

ity necessary to follow up interesting subjects as they accidentally arise. On a recent trip to Texas, for example, I was photographing a famous herd of Mohai goats when I learned that the daughter of the family which owned the goats was a well-known equestrienne. I spent a pleasant and profitable afternoon photographing the daughter and her "quarter" horse for my files in addition to the goats. This is one of the exciting challenges of working on speculation. Just around the next corner may be the finest picture you will ever shoot," he said.

And it is exciting pictures taken "just around the next corner" that visitors will see displayed at

Heilman's open house. He has over 50,000 pictures in his files showing almost any phase of farming or livestock production you could want to see. Especially delightful is his dusk and dawn photographs of farm scenes and you will be able to see them at Grant Heilman's open house next Saturday.

Scientific Belief

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DUNLAP RETIRES AT NEW HOLLAND

Paule C. Dunlap, R. D. 1, New Holland, retired November 1 from the New Holland Division of Sperry Rand Corporation after nearly 50 years of service with the local farm equipment firm.

Dunlap, who began with New Holland in April, 1920, has served as plant services foreman for the past nine years. Prior to that, he was foreman of the Machining Department and later became Assembly Department general foreman. At retirement time, he ranked first in the company for years of service.

Born in Earl Township, Dunlap has served on the New Holland Borough Council and the Earl Township School Board. He is a member of the Ephrata Lodge No. 665, F & A M, the Lancaster Lodge of Perfection, 14°, the Reading Consistory, 32°, and the Nobles of the Mystic Shrine, Rajah Temple, Reading.

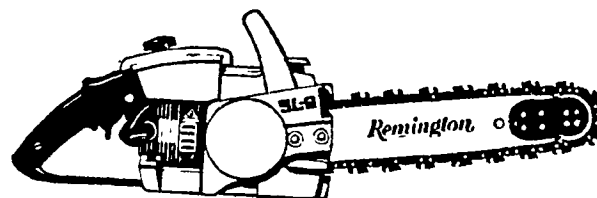
Dunlap is married to the former Miss Marie McCloskey of Philadelphia.

Lancaster Farming, Saturday, November 15, 1969 — 27

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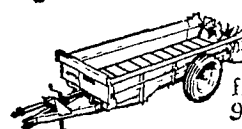


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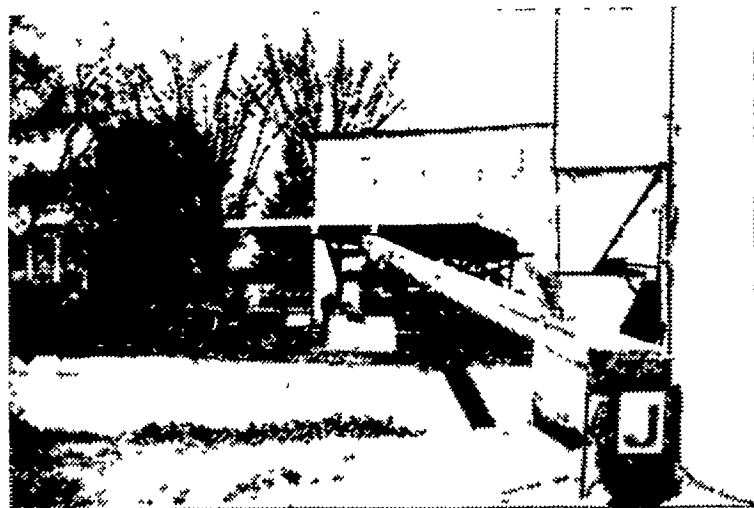
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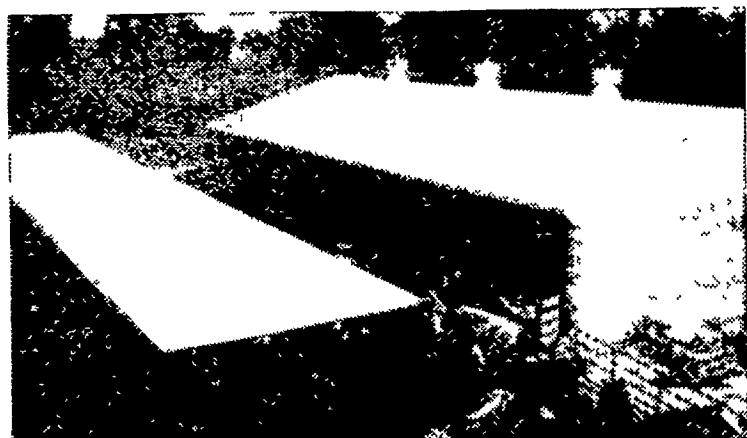
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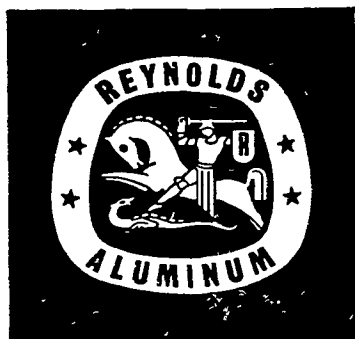
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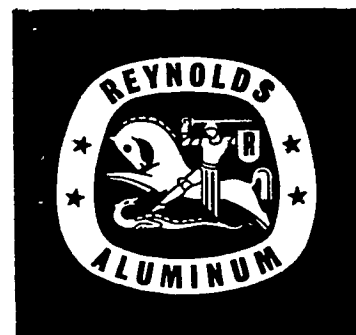
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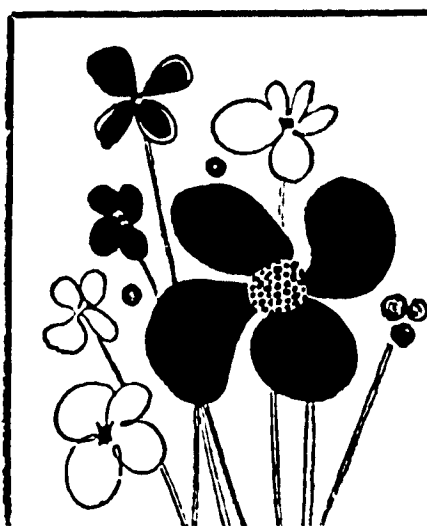
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FOR THE FARM WIFE AND FAMILY

FESTIVE PIES

By Mrs. Richard C. Spence
Lancaster Farming Food Editor

When the holiday season approaches we start the annual search in our recipe files for a new pie or cake recipe which will serve as the grand finale to a sumptuous holiday dinner. End of search for pie recipes — we have some for you that are sure to find a place on your menu, like this Lemon "Supreme" Pie.

LEMON "SUPREME" PIE

Coconut Crust:

- 1 can (3½ ounces) angel flake coconut
 - 1 cup sifted flour
 - ¼ teaspoon salt
 - ½ cup shortening
 - 3 tablespoons milk
- Lemon "Supreme" Filling:
- 1 cup sugar
 - ¼ cup cornstarch
 - ¼ teaspoon salt
 - 1 cup water
 - 5 egg yolks, beaten
 - 2 teaspoons grated lemon peel
 - ½ cup lemon juice
 - 2 tablespoons butter
 - 2 cups heavy cream
 - ½ teaspoon vanilla
 - 6 to 8 tablespoons sifted confectioners' sugar

For crust: sprinkle coconut in shallow pan, bake at 300 degrees until golden brown. Combine flour and salt, cut in shortening with pastry blender until size of small peas. Add ½ cup toasted

coconut, mix well. Add milk, mixing with a fork to form dough. Roll out between 2 pieces of waxed paper to form a circle. Line a 9 inch pie plate, fluting around edges. Pierce entire crust with a fork, bake at 400 degrees for 12 to 15 minutes. Cool. Reserve remaining coconut for top of pie.

For filling: combine thoroughly sugar, cornstarch and salt in top of double boiler. Blend in water, then egg yolks, lemon peel and juice until smooth, add butter. Cook over boiling water, stirring constantly, about 12 minutes. Mixture should be thick and mound slightly for moment when dropped from spoon. Cover pan and reduce heat, cook over simmering water 10 minutes. Stir occasionally, replacing cover each time. Transfer to medium bowl, chill over bowl of ice water, stirring until barely warm to the touch. Prepare 1 cup of cream and half of vanilla and confectioners' sugar at a

time; whip cream until slightly thick, add vanilla and sugar. Continue beating until mixture holds stiff peaks, do not over beat. Gently but thoroughly fold 1 cup of whipped cream into cooled filling. Pour into Coconut Crust. Top with dollops of remaining 3 cups whipped cream. Sprinkle with toasted coconut. Chill until firm.

BLACK MAGIC PIE

- 1½ cups chocolate chip cookie crumbs
 - 3 tablespoons granulated sugar
 - 3 tablespoons butter or margarine, softened
 - 1 (14 ounce) package fudge and frosting mix
 - ½ cup butter or margarine
 - ½ cup water
 - 1 quart butter pecan ice cream
 - 4 canned or fresh pear halves, cut into thirds
- Whipped cream or whipped topping

Combine first three ingredients, press evenly against bottom and sides of a 9 inch pie plate. Bake in a preheated moderate oven (375 degrees) for 8 minutes, cool. Prepare fudge and frosting mix according to directions for fudge sauce, cool. Pale butter pecan ice cream in cookie crust, swirling in ¼ cup fudge sauce, freeze. To serve, arrange pear halves on ice cream, garnish with whipped cream. Heat remaining fudge sauce, drizzle a little over pears. Pour remaining into serving dish.

ORANGE CHIFFON PIE

- 1 baked pastry shell, 9-inch
- 1 tablespoon unflavored gelatin
- ½ cup cold water
- 4 egg yolks
- ½ cup sugar

8-ounce can frozen orange juice concentrate

- ¼ teaspoon salt
- 1 egg whites
- ¼ cup sugar

Make pastry shell and let it cool. Soften gelatin in water. Beat egg yolks in the top of a double boiler until light, then beat in ½ cup sugar. Add the orange juice concentrate and salt. Cook over boiling water, stirring often, until thickened. Remove from heat. Add softened gelatin and mix well. Cool. Beat egg whites until foamy. Then add ¼ cup sugar gradually, beating constantly until soft peaks form. Fold into orange mixture. Pour into pastry shell and chill until set. Serve with whipped topping or whipped cream.

PUMPKIN SPICE CAKE SUNDAES

- ½ cup shortening
- 1¼ cups sugar
- 2 eggs
- 2¼ cups sifted cake flour
- 1 teaspoon salt
- 1 tablespoon baking powder
- ½ teaspoon ginger
- ½ teaspoon cinnamon
- ½ teaspoon nutmeg
- 1 cup cooked pumpkin
- ½ cup milk
- 1½ quarts vanilla ice cream
- Butterscotch or caramel sauce

Cream shortening and sugar until fluffy. Add eggs, one at a time, beating well after each addition. Sift together dry ingredients. Combine pumpkins and milk. Add alternately with dry ingredients. Pour equal amounts of batter into two 9-inch greased pie pans. Bake in a moderate oven (375 degrees) about 25 minutes. (If glass pie pans are used, reduce oven temperature 25 degrees.) Cut each

cake into 8 pie-shaped wedges. Top with vanilla ice cream. Pour sauce over all. Makes 16 servings.

CRANBERRY CHEESE PIE

Crust:

- 1½ cups graham cracker crumbs
- 3 tablespoons sugar
- 6 tablespoons butter or margarine, melted

Filling:

- 1 packages (3 ounces) cream cheese
 - 2 eggs
 - ½ cup sugar
 - ½ teaspoon vanilla
 - 1 pint sour cream
- Topping:
- 1 tablespoon cornstarch
 - 3 tablespoons sugar
 - ½ teaspoon grated orange rind or vanilla

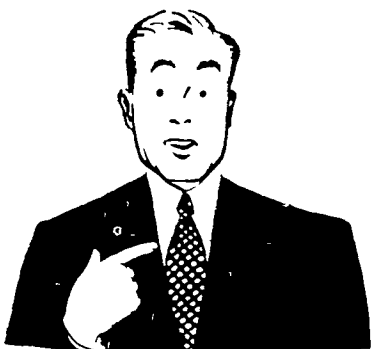
- 1-pound can whole cranberry sauce

For crust: combine crumbs and sugar in medium sized bowl. Stir in melted butter until thoroughly blended. Pack mixture firmly into 9-inch pie pan and press firmly to bottom and sides. Bake in 350 degree oven 8 minutes. Cool.

For filling: let cream cheese soften at room temperature. Beat until smooth. Add eggs and beat well. Gradually mix in sugar and vanilla. Beat until light and fluffy. Fold in sour cream. Pour into cooled graham cracker crust. Bake at 375 degrees for 30 to 35 minutes or until center is firm. Cool. Just before serving spoon cranberry topping over pie.

For topping: Stir cornstarch, sugar, grated orange rind or vanilla and whole cranberry sauce together in saucepan. Cook slowly, stirring constantly, until mixture thickens (about 5 minutes). Cool. Spoon over Cheese Pie just before serving.

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GOOD NUTRITION IS SUBJECT OF WHITE HOUSE CONFERENCE

Adequate nutrition is every individual's business. And because a balanced diet is so important for the welfare of adults and proper growth in children, a White House Conference is scheduled for early December.

Broad focus of the conference is to see that ways and means are available so that rich and poor alike can be adequately nourished from this nation's food supply, according to June Wilke, Extension home economist, Chester County.

Participants at the conference will include representatives from women's groups, medical and health professions, food processors and marketers, retailers, scientists, educators, and consumers from all economic levels. Every facet of food and human nutrition will be discussed in setting up recommendations.

This group is concerned with outlining actions for voluntary organizations to follow in carrying out conference suggestions, says Miss Wilke.

Is Your Thanksgiving Dinner Safe?

With Thanksgiving rapidly approaching, millions of American housewives will be buying and preparing turkeys.

A good way to save time on Thanksgiving Day, says Mrs. Judith Pheil, food and nutrition specialist, University of Maryland, is to buy a commercially stuffed frozen turkey. Don't, she continues, for sanitary reasons, buy a bird, and then stuff and freeze it.

Commercially frozen stuffed turkeys are produced under rigid sanitary conditions, says Mrs. Pheil. The size of the turkey is limited and both turkeys and stuffing are kept at the low temperatures at which they are handled.

A mechanically mixed pre-cooked stuffing in controlled amounts is mechanically stuffed into the body cavity and the turkeys are frozen at -30°F or lower. This quick process under

sanitary conditions and under constant laboratory control results in stuffed poultry of extremely low bacterial count.

The directions on the packages, Mrs. Pheil continues, specify cooking times long enough for the bird and the stuffing to reach a temperature of 165°F, which is sufficient to destroy any micro-organisms that might be harmful, thereby making the turkey safe to consume.

Freezing stuffed poultry at home, she continues, is not recommended because the rapid handling and freezing necessary for a safe product cannot be assured under home conditions.

When poultry and stuffing are held at temperatures from 50 to 120°F, micro-organisms associated with food poisoning may multiply and produce toxins. Even a bird taken directly from the refrigerator may reach room temperature while it is being prepared for freezing, and the stuffing is likely to be still warm.

At 0°F, says Mrs. Pheil, the temperature of most home freezers, the freezing process is so slow that portions of the bird and the stuffing may remain in the danger zone too long, especially if the bird is a large one.

If you want to buy an unstuffed turkey, she continues, freeze it, and then stuff it just before cooking.

Hunting Permitted At Erie National Wildlife Refuge

Contrary to what might be expected, hunting is permitted on the Erie National Wildlife Refuge in Crawford County, according to the Bureau of Sport Fisheries and Wildlife.

Migratory birds, small game, unprotected species and deer may be hunted on the refuge in accordance with all applicable state and federal regulations. Areas where various species may be hunted are shown on maps available at refuge headquarters, Guy Mills.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist



Know Your Tuna

Solid pack means solid filets which may be used whole or broken into pieces of any size for hot or cold dishes.

Albacore is the species which produce white meat tuna. It has a delicate flavor and is packed in large, perfect pieces.

Chunk style is tuna that's broken into bite size pieces for casseroles, skillet dishes and salads.

Grated or flaked tuna is a short cut to economical mixtures for sandwiches, dips and salads.

Beware Of Sharpshooters

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THOMAS

Buying Baking Potatoes

Almost everyone enjoys a good baked potato topped with butter or sour cream.

To find good baking potatoes look for ones that are smooth skinned, well-shaped, firm and free from blemishes and decay.

Both the variety and the area where the potatoes are grown are important factors affecting their baking quality.

Oven Temperatures

Slow — 250 to 325 degrees F.
(Continued on Page 35)

AGWAY

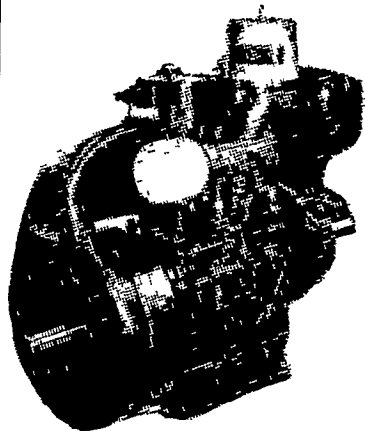


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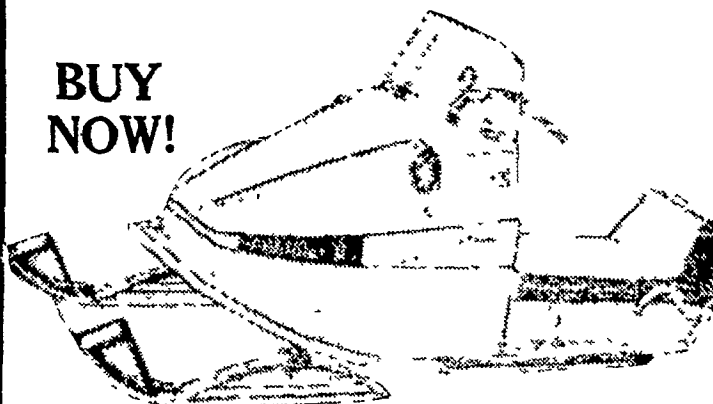
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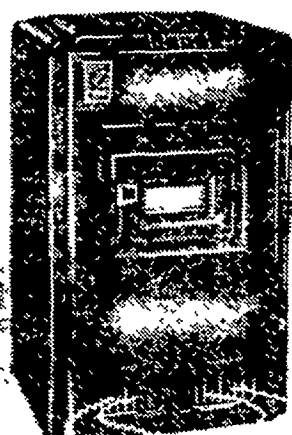
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Members of 12 different Lancaster County Farm Women's Societies donated 171 hours during a recent week to the Tuberculosis and Health Society of Lancaster County, folding and stuffing mailings in preparation for the 63rd annual Christmas Seal campaign. Shown at work in the Society headquarters, 630 Janet Ave., Lancaster, are, from left to right: Mrs. Joseph Nolt, Mrs. Gordon Mellinger and Mrs. Roy Book, all from Society No. 28; and Mrs. Paul A. Kauffman, Mrs. Norman Siegrist and Mrs. Paul Metzger, all from Society No. 4. There were 57 women from

12 different societies who each worked a three-hour "shift" for the Christmas Seal organization, making a grand total of 171 hours of volunteer service. Farm Women Societies in Lancaster County have aided the TB Society in the annual "stuffing" operation for more than 20 years. Goal of this year's campaign, which began officially on Wednesday, Nov. 12, is \$83,268. John E. Barry, treasurer of the local Society, is serving as campaign chairman for this year's drive for funds.

FARMERS! ARE YOU GETTING ALL THE MILK YOU SHOULD?

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Do All Have Cholesterol Problem?

Reminding the public that the problem of above average cholesterol in the blood is not a concern for everyone is a never-ending chore. Helping to clarify this fact are health educators and many medical writers appearing regularly in publications. Just recently, for example, the Chicago Tribune's "How to Keep Well" columnist, Dr. T. R. Van Dellen wrote — "Question In a recent column you had a hint with the following warning: 'Those with a cholesterol problem should eat fewer eggs.' Did that mean that some of us do not have a cholesterol problem?"

"Reply. Yes, in that many people have normal or less than normal amounts of cholesterol

in the blood even though they more to the amount of cholesterol eat foods known to elevate the oil in the blood than what is taken level. In other words, there is en by mouth."

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Ag Report Tells Of Farmer's Plight

The following editorial from the October issue of DOANE'S Agricultural Report calls attention to an often untold story about the rising cost of food, the consumer's dollar and the man at the foot of the "totem pole," the farm producer. Even with food prices going up . . . farmers' share of "dollars" goes down.

Glamorous these figures are not . . . but the U.S. Department of Agriculture issued a fact sheet recently that helps establish trend relationships between food costs and farm operating expenses and income.

First, what has happened to farm production costs? The index of prices farmers pay for input items, interest, taxes and wage rates increased 28 percent from the 1957-59 period to mid 1969, ranging from as much as

106 percent for taxes to only 3 percent for feed and a decline of 6 percent for fertilizer. This compares with a rise of 17 percent in the overall consumer price index, and a retail price of food up 24 percent in the same period.

What share of the consumer's dollar does the farmer receive . . . and is he maintaining his percentage of this dollar over the years? The following figures substantiate an already common belief the farmer is losing rather dramatically to "marketing" in the race to consume larger shares of the dollars spent for food.

Farmers receive an average of 40c of each dollar spent at retail for U.S. farm-produced food. This is 10c less than was the case 20 years ago. A farmer's "share" depends upon the price he receives and the costs of marketing the product sold. And this share is smaller for highly "serviced" products such as bread (14c) than for unprocessed products such as eggs (65c).

Since the 1947-49 period, dollars spent for food products in this country have climbed \$46.1 billion . . . to about \$90 billion today. Just 22 percent of this total dollar increase was realized by farmers.

In the past ten years, however, surprisingly little variation has occurred in the percentage farmers receive on a commodity or unit basis. In 1957-59, for example, farmers received 62c out of each dollar consumers spent for deer. In the first quarter of 1969 they received 61c. Figures for other commodities are as follows: eggs, 64c in 1957-

59 compared to 65c this year (an increase of 1c in the past 10 years); bread, 16c compared to 14c; Potatoes and butter, no change; canned corn, 13c compared to 12c.

All of this can be simplified into a few words. Consumers pay less and less of total disposable income for food . . . consumers spend more total dollars, largely paying for services and increased marketing costs . . . farmers' share of total spending continues to go down.

Proper Care Of Game Urged

Several reports of game spoiling during warm weather have been received by the Game Commission this fall.

Hunters are advised to handle meat properly during warm days; otherwise, it can become tainted in a few hours.

Sportsmen should remove entrails of game immediately after killing, and the meat should be kept as cool as possible until it can be processed.



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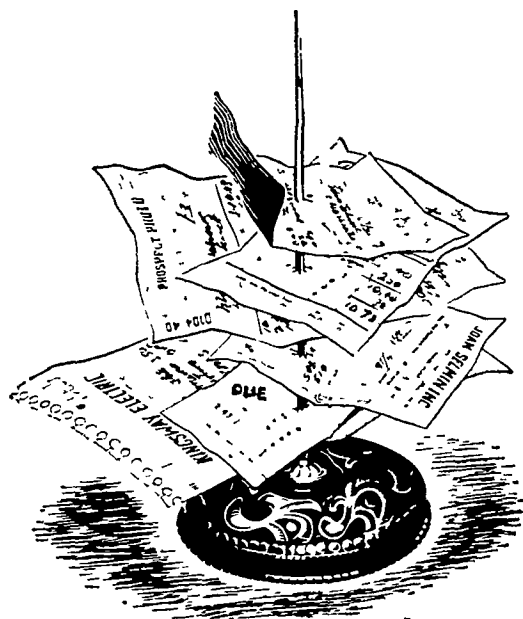
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A View From The Governor's Office

By Gov. Raymond P. Shafer

A "Crusade against Crime" is about to be launched in Pennsylvania. It should be the most important thing that has happened to the Commonwealth in modern history.

Why?

Because crime and our present system of criminal justice are the most immediate and critical problems we face.

The fear of criminal elements is beginning to pervade our lives whether it is walking on a city street, locking the doors of our homes at night, or doing business to make a living.

This is an insidious way to live and we must do everything to eliminate those elements in our society that cause this fear.

Unfortunately, the people are still not sufficiently aroused about the problem to demand the kind of massive support required to win the war.

Just listen to the law-enforcement people across our land. They will tell you that the real problem with fighting crime today is that all Americans have not been sufficiently aroused to win the war against the criminals.

There must be an informed public with the courage to help our dedicated men in our police forces, our courts and in those institutions where we attempt to correct the ways of law offenders.

Pennsylvania is launching a "Crusade against Crime" to create the kind of interest needed among the people to win their support.

I am proud the U.S. Attorney General John N. Mitchell has agreed to help us launch this "Crusade" at our state-wide Anti-Crime Mobilization Conference in Harrisburg on December 3. His presence shows the concern that President Nixon has in having the states lead the way in fighting crime.

In addition, more than 1,400 Pennsylvanians are being invited to attend the Conference.

Prices Received By Farmers Unchanged

Prices received by Pennsylvania farmers for their products during October remained unchanged from September, but were 4 percent higher than a year earlier, according to the State Crop Reporting Service.

Milk at \$6.35 a hundredweight was 10 cents higher than in September, while eggs at 42 cents a dozen were up one cent. Broilers at 16 cents a pound were one cent lower.

Steers and heifers at \$27.20 a hundredweight were 80 cents below September prices but \$2.20 higher than October prices received a year ago.

Corn at \$1.24 cents a bushel was down 13 cents as the new crop moved to market. Wheat at \$1.25 a bushel and oats at 71 cents were two cents higher than in September.

Nationally, prices received by farmers were slightly higher (three-fourths of one percent) and 6 percent higher than a year earlier. Contributing most to the increase were higher prices for milk and cotton.

Special Field Report On Hunting Conditions

The Pennsylvania Game Commission, each week during the general hunting seasons, provides information on field and forest conditions and chances for hunter success throughout the state. These are the mid-week reports from the six field divisions for the first week of the general small game season.

action on proposals to improve the tools we have to fight the criminal.

These Pennsylvanians include mayors, police chiefs, district attorneys, civil rights leaders, legislative leaders, corrections officials, labor and business leaders, youth and other citizens concerned about the problem. They will make recommendations on law enforcement, corrections, organized crime, civil disorders, juvenile delinquency and youth crime, drug and alcohol control, law enforcement research and planning, and the training of police officers.

the Crime Commission has Regional Planning Councils. These conferences will involve thousands of additional citizens and begin the kind of broad public support needed to win the war.

It is a war that a Pennsylvania, which is becoming more and more urbanized, cannot afford to lose.

FEEDER PIG SALE

SATURDAY, NOVEMBER 22, 1969

Watch for sale sign at the Reifsnyder Rd along the Brubaker Valley Rd leading from Rt. 322 at Clay to Rt. 501

300 HEAD — 35 TO 70 LBS. YORK AND YORKHAMP
At 1:00 P.M.

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A Sample of Records on Cows Selling					
(Roburke Elnis)	Grade 2-7	355d	24,957	723	2.9%
	3-7	347d	19,184	722	3.7%
(Captain Excel)	Reg. 7-yr.	341d	20,040	825	4.1%
(Speed Master)	Reg. 6-yr.	274d	18,316	747	4.0%
(R. Shamrock Perseus)	Reg. 4-yr.	296d	17,947	692	3.9%
(Bred to Carnation Royal Master)					
(Model Reflection)	Reg. 4-yr.	344d	16,490	633	3.8%

Sires Represented Togus, Inka Reflector, Bell Boy, Galaxy, Posch Sov Ivanhoe, Dee Ann R A Maple, Carnation H Reflection, G Rag Apple Priority, etc. Cattle have plenty of size, dairy quality, many due with 2nd or 3rd calf. Several in herd have milked 80 to 100 lbs.

Full Line of Equipment including DAVID BROWN "880" DIESEL (power steering) 1100 hours, A.C. D-14 (power steering), loader (3-point adapter), Gehl hopper forage blower, New Idea forage box with A.C. 5-ton wagon, N.H. rake, New Holland mower-crimper, 36-ft Case elevator, rubber tire wagon, N.H. 110 Spreader, 2-bottom 16" 3-point plows, J.D. 28-disc harrow, Ford 3-point cultivator, 10' Dunham cultipacker, Oliver corn planter, 4-section lever harrow, 3-point blade plow packer, hay rack wagon, N.H. silage unloading unit, 12x28 tractor chains, 8-hole hog feeder, acetylene welder, cutting torch, log chains, forks, shovels, 2 feed carts, 39 cow trainers, etc.

Milking Equipment SPUTNICK MILK PORTER; SURGE S.P. 22 PUMP; 3, 50-lb. SURGE UNITS; 2 S.S. large strainers S.S. tubs, bucket, 80-gallon hot water heater, 150 gallon pressure tank, 1950 Ford V-8 ¾ ton Pick up, many other items not mentioned.

LOTS of 1st CUTTING ALFALFA HAY; 15 ton STRAW
Approximately 20-ton EAR CORN

Don't Miss This Sale!

Sale at 10:00 a.m. sharp!

Terms by
AMOS C. STOLTZFUS
Elverson, R. D. 2, Penna.
Ph: 215-286-5540

Carl Diller and J. E. Kreider, Auctioneers

Lunch available.

PUBLIC SALE

Livestock and Farm Equipment
Corn and Grain

SATURDAY, NOV. 22, 1969

11:00 A.M.

Located just off Route 743 leading from Elizabethtown to Maytown, along Bossler Road.

29 — GRADE HOLSTEIN COWS — 29
9 HEIFERS

Milking Equipment — 2 Surge Milking Units and Stainless Milk Pails, Milk Cans and 6-Can Cooler. 6000 Ford Tractor, 3000 Ford Tractor, Massey Ferguson 3-bottom Roll Over Plow, Sauder Loader, Brady Liquid Spreader, 3 pt. Ford Spring Harrow, I.H.C. #46 Disc on rubber, 10 ft. Cultipacker, Gehl Chop-all Harvester, Dual Wheel Rubber Tire Trailer, 3 pt. Ford Cultivator, 3 pt. Ford Corn Planter, Ferguson Side Rake, Massey Harris #3 Baler P.T.O., John Deere Hay Crimper, 30 ft. Elevator, Chicken Equipment, Silage Rack for N.I. Spreader, Forks, Shovels and other items.

Approx. 80 Tons Corn — Approx. 400 Bu. Barley — 150 Bu. Rye.

Sale by
MRS. EDNA H. SAUDER

Elmer M. Murry, Auctioneer

--- Food On Premises

Public Auction

FRIDAY, NOV. 21, 1969

STARTING AT 10 A.M.

20 to 30 TRACTORS
MANY MAKES AND MODELS

International, Ford, John Deere, Allis-Chalmers, Case, Massey-Harris, Massey-Ferguson, Oliver

FARM MACHINERY

Harvesters, mowers, cornpickers, blowers, hay balers, etc.
Some Lawn and Garden Equipment

Attention DEALERS & FARMERS:

Bring your own surplus equipment in to be sold on consignment.

Dry Goods man will be here for the Ladies.

TERMS — CASH

We buy, sell, trade, wholesale-daily.

Used Parts for most make & model of Tractors & Farm Machinery.

CONDITIONS BY

WENGER'S FARM
MACHINERY, INC.

So. Race St.

Myerstown, Pa.

717-866-2138

Rentzel and Horst, Auctioneers

SPECIAL MENTION

COMPLETE HERD DISPERSAL

at the New Holland Sales Stables, Inc.

WEDNESDAY, NOV. 19, 1969

37 HEAD
HOLSTEIN
COWS



12 fresh, 6 close springers, balance all stages of lactation. 1 cow milking 100 lbs. per day. 7 fancy open Heifers ready to breed.

This is a young herd, all home raised. Selling only due to farm being sold. Any farmer looking for quality and milk, plan to attend this sale.

GLENN FITE, owner
Ph: 1 717-786-2750

Public Auction

Of Trucks, Trailers, and
Construction Equipment

SATURDAY, NOV. 22, 1969

10 O'clock A. M.

Located on Route 419 north of Schaefferstown — east
of Lebanon off Route 501

TRUCKS

1964 - Mack F 700 — V8 — full screw — 15 speed transmission; 1963 - International — DC0405 — 220 Cummings 2 speed, 5-speed transmission — sleeper cab — sliding 5th wheel; 1962 - International — DCO405 — 220 Cummings 2 speed, 5 speed transmission, sleeper cab, sliding 5th wheel, 50,000 new motor; 1961 - Mack — H Model, tag axle, sleeper cab; 1960 - G.M.C. — Detroit diesel 238 — Road Ranger Trans, tag axle, sleeper cab, 1960 - H Model — Mack; 1958 - 220 International Truck Tractor (Parts), 1952 - G.M.C. New Motor (parts truck), 1957 - Buick wagon; 1960 - Ford dump truck Y tag; 1956 - Reo dump truck W tag; 1954 - Reo dump truck W tag; 1948 - Dodge dump truck motor completely overhauled; 1948 - Dodge truck with Insorgal Ram Compressor mounted; 1953 - Ford pick up truck, utility body; and 1950 - Ford flatbed dump 12 ft.

35 ft. Trailco-trailer - spread axle - flat; 35 ft. - Fruehauf trailer - spread axle - flat; 35 ft. - Steco - spread axle - flat; and 29 ft. - Larross - 25 ton low boy trailer tandem axle.

CONSTRUCTION EQUIPMENT

H D5 - Allis Chalmers Crawler with loader & ripper; H D6 - Allis Chalmers Crawler with loader (parts for H D6 also); John Deere 440 diesel crawler - loader and ripper; Case 800 Crawler Dozer; International T D6 Dozer, (T D6 parts also); 1963 - Case 530 backhoe and loader; Ford 1800 Backhoe & Loader; Ford Jubilee Backhoe & Loader, 1964 - Massey Ferguson 65 with loader 7 side mounted mower, Farmall A tractor with cultivator; John Deere 110 lawn tractor with mower; Clark fork lift; Inersol Ram 105 air compressor mounted on trailer; Hobart 200 AMP portable welder with cables, Steam Jenny, Salt spreader for dump truck; Motors - 5th wheels, saddle tanks, oil drums, 637 Timken rear, house trailer axles, tires, rims, & miscellaneous parts, chains, chain binders, hydraulic jacks, tarps, compressor tools, drills, points, tampers, chisels, braker hose, etc. & other articles too numerous to mention

Auctioneer's Note — This equipment is all in very good condition and maintenance has been conducted regularly. All trucks & trailers will carry current inspection, except parts trucks

TERMS: CASH

by

KLEINFELTER BROS.

R. D. 2

Myerstown, Pa.

Blaine N. Rentzel — Auctioneer
Box 222, Emigsville, Pa.
Ph. 717-764-6412

Refreshment Rights Reserved

Have You Heard?

(Continued from Page 31)

Moderate 325 to 375 degrees
F.

Hot or Quick 375 to 425 degrees
F.

Very Hot 425 to 500 degrees
F.

PUBLIC DAIRY



COW
SALE

THURSDAY NIGHT, NOV. 20

Starting 8:00 p.m. Sharp

SALE LOCATED 5 MILES NORTH OF RT. 222
ALONG 897, 2 MILES NORTH OF REINHOLDS.

50 HEAD OF CATTLE

This includes a top herd of Bradford County cows with records up to 18,000 lbs. The right kind for replacements. All certified and accredited. Will also have a load of top Susquehanna County cows and a good young stock bull. Look around for cattle, but before you buy — see us!

Health Charts Night of Sale

Randal Kline — Auctioneer

Vernon and Ray Kline — Owners

PHONE Area Code 215 267-2368 or 267-2298

Not Responsible For Accidents
Refreshment Stand

Public Sale

of Farm Machinery and
Household Goods

1½ Miles South of Conestoga, Off Shenk Ferry Road, 10
Miles Southwest of Lancaster using Route 324.

SATURDAY, NOV. 22, 1969

10:30 A. M.

Super M D Farmall with 3 Pt. Hitch,
Cockshut 35 Tractor with Cults.,
M. H. No. 80 Special 10 ft. Combine,
M. H. Self Propelled Cornpicker,

IHC Equipment as follows No 10 - 16 Disc Grain Drill (good), 531 - 3 Pt. Plow, 3 Bottom, 241 Cornplanter and a Fast Hitch Cornplanter, No 100 Fast Hitch Mower, No 2 Hay Conditioner, No 16 Harvester (like new), No 40 Spreader, No 15 Side Delivery Rake, Disc Harrows, N.H. 77 Baler, Case Forage Blower, Case Heavy Duty Cut-away Disc Harrow, Spring Harrow, J D Side Delivery Rake 3 Pt., J D. Crimper, Brillion Cultipacker, Case Cornpicker, John Deere P T O 1 Row Potato Digger, 2 Row Potato Digger, Bemis 2 Row Tobacco Planter

1961 B 160 I.H.C. TRUCK, 16 FT. STAKE BODY,
CATTLE RACKS, 30,000 Miles (Good)
1953 STUDEBAKER PICKUP WITH RACKS

2 Forage Wagons with False Endgates, Unloading Unit, 2 Smoker Elevators, Grain Bin on Wagon, Coin Drag, 2 Tobacco Wagons, N.H. Cornsheller, No 4A Bear Cat Hammermill, 2 Ton Feed Mixer P T O, 12 ft Grain Auger, 8,000 Tobacco Lath, 2 Bale Boxes, 60 ft Endless Belt, Mounted Wood Saw, Platform Scales, Bag Wagon, Grain Cleaner, Hog Feeders, Troughs, Hand Coin sheller, Straw Cutter, Log Chains

4 Electric Brooders, Fence Posts, Tobacco Chippers, Cow Clippers, Milk Cans, Buckets, Tools, Shovels, Forks and other articles not mentioned. The above equipment has been very well cared for

HOUSEHOLD GOODS

3 Piece Living Room Suite, 10 Piece Dining Room Suite, Piano, 2 Wardrobes, Sewing Machine, Large Chest Freezer, 6 Cane Seated Chairs, 2 Rockers, 4 Kitchen Chairs, Utility Cabinet, Floor Lamps, Table Lamps, Tables, Speed Queen Washer, Twin Laundry Tubs, 2 Meat Benches, Meat Grinder, Shoe Lathe, Egg Grader and Keenco Egg Washer, Egg Baskets, Quilting Frame, 4 qt Pasteurizer, qt and pt Jars, Play Pen, Some Antique Dishes, Punch Bowl with 5 Cups, Wood Potato Masher, Chocolate Set, Some Nippon China, etc

HOUSEHOLD ITEM 10:30 TILL 12. SMALL ITEMS 12 to 1.

Terms by

HENRY SOUDERS

Kreider and Diller, Auctioneers

Lunch By New Danville Fire Co.

Lancaster Farming, Saturday, November 15, 1969 — 35

Preserve Fall Splendor In Winter Months

You can take a little bit of this fall's splendor with you into the winter months if you preserve some of the colorful leaves so plentiful now

All too often people collect leaves, put them between the pages of a book and forget them, says Dr. Francis R. Gounin, Extension horticulturist at the University of Maryland. Many times these leaves lose their color and turn brown

Dr. Gounin outlines an effective method of preserving leaves for use in dried arrangements and decorations. He calls it a "plant press"

Place the leaves — and small branches — between several sheets of newspaper. Put a stiff sheet of corrugated cardboard over the newspaper. Put more leaves between more newspaper and add another piece of cardboard. Continue building this sandwich type of plant press with paper and cardboard until you have a stack eight or ten inches high

When you have completed this stack, put a board across the stack and add several heavy objects such as stones, books or a concrete block

Leave the plant press in a cool dry room for two or three weeks

"If the leaves are succulent (juicy), you may have to change the newspapers every two or three days," Dr. Gounin cautions. "However, you should not have to change the papers more than twice"

If you follow these directions carefully, your leaves should keep much of their beauty after snow covers the ground

Correspondence

Courses



Retirement — A Personal Experience

Retirement — A Personal Experience is the title of a new course from the Correspondence Course office of The Pennsylvania State University. It discusses you as an individual in retirement

The purpose of the course is to guide you in preparing yourself for a happy retirement. Topics included are relationships with others, characteristics of older people, you as grandparents, where you will live in retirement, changing living space, and senior citizen communities

To get a copy of the course send \$2.65 to Retirement, Box 5000 University Park, Pennsylvania 16802. Make check or money order payable to Penn State.

Eight cases of animal rabies were diagnosed in the state from July 1 through Sept. 30, the Pennsylvania Department of Agriculture has announced

Rabid animals and county of origin were: bat, Bucks; dog, skunk, Clarion; skunk, Clearfield; two bats, Delaware; skunk, Fayette; bat, York

One bat was diagnosed as rabid during the same period last year

A wind with a speed of 74 miles per hour or more is designated a hurricane

Basketball is the only major sport of strictly American origin.

AGWAY

COMPARE YOUR FLOCK PERFORMANCE WITH.....

HERBERT S. HESS
Quarryville, Pa.

Mark your own
flock performance
here . . .

What is your average
EGG PRODUCTION
per hen housed?

PERIOD
224 DAYS

78.5%

What is your average
FEED EFFICIENCY?

3.52 lbs.

What is your average
laying-house
LIVABILITY

4.85%

Agway gives the bird exactly what she needs during her highest stress period—start-of-lay to peak-out. It carries the energy and protein levels, the vitamins and minerals to support both.

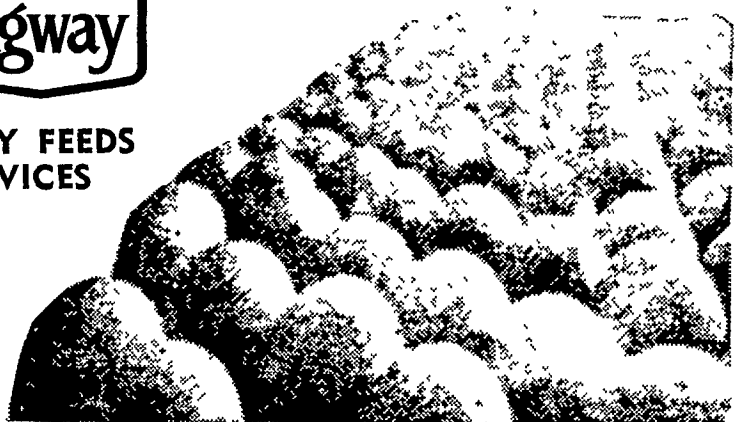
. . . upshooting egg production. From zero up to 8 or 9 eggs every 10 days. . . steady body growth. She should gain about a pound between 20 weeks and peak-out at 36 to 40 weeks.

You end with more eggs, and a better bird is left — for producing profitably through the rest of the laying period.

Plus larger eggs earlier, lower feed cost per dozen, better eggshell quality, and less mortality. Ask about Agway feeds today.



**POULTRY FEEDS
& SERVICES**



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Lancaster Store
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219 S Railroad Ave.
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M. M. Good & Son
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Gordonville
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1160 N Market St
Elizabethtown
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SHOP AGWAY FOR FULL VALUE — SERVICES and PRODUCTS